

Top-Level Design of Student Portal

(Project Report)

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Class: XII Science & Commerce

Board Roll Numbers:

Subject: Informatics Practices

Teacher In-Charge: Ms. Nita Dubey

School: Welspun Vidya Mandir

Academic Session: 2019-2020

Welspun Vidya Mandir

CERTIFICATE

This to certify that Nikhil Pahade, Ankit Shrivastava, Shashi Choudhary, and Shruti Mishra of Class XII Science & Commerce, students of Welspun Vidya Mandir, have successfully completed their I.P. project titled ‘Student Portal’ under the guidance of Nita Dubey Ma’am in the academic year 2019-2020.



Let noble thoughts come to us from every side

Signature of Examiner

Signature of Teacher

Signature of Principal

Acknowledgement

We would like to express our utmost gratitude to our teacher Ms. Nita Dubey, for her tremendous guidance and unwavering support in our ability to complete this project.

We could not have asked for more capable and communicative supervision, and we are profoundly grateful.

We would also like to extend our appreciation to our friends and families, who always had the betterment of our project in mind. They endowed us with constructive criticism, allowing us to perfect every minute detail of the project. Their help with testing the project was indispensable.

The project was one of the longest ventures in our academic lives, and we are honored to be surrounded by equally-able, like-minded individuals, enclosed in a professional environment which allowed us to successfully complete the project to the best of our ability.

We take great pride in honoring those that helped us, and we will always be indebted to them.

Signature of the Students:

Preface

Today, we are firmly in midst of the 21st Century, with technology and creativity rapidly expanding. Drawing inspiration from this mindset, we have created a software that aims to eradicate wastage of paper and time, as well as provide an organized and interactive platform for the administrators.

As per the curriculum of CBSE for Class XII, we have undergone a project study to present an integrated application of conceptual study in the real world.

We have tried to pinpoint the important factors in the areas of this project, and make the necessary amendments. We have also taken various measures to improve the quality and sustainability of our project. Furthermore, we made the program very user-friendly, able to adapt to the future.

It is our firm belief that our project is the part of the next step to bring schools all over the country into the 21st Century along with the rest of the world.

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Problem Description

Welspun Vidya Mandir, like many other schools, employs a paper-pen system in order to conduct its administrative activities. The staff of the school work diligently to keep the data organized, but the probability of human error always exists.

With the use of Register Books, the staff handwrites all the details. If a new student wishes to join the school, they must fill out a comprehensive, multipage form. The form is then physically inspected to ensure the student meets certain criteria, like marks, for instance. After these formalities, the details of the student are added to a lengthy list, amounting to more than 2000 students. This problem can easily be overwhelming, and can easily be solved.

When a teacher wants to enter the marks of a student, they manually search for the respective Registers, and then handwrite the marks. They repeat the process for every student of the class. This issue is further escalated when the teacher has to update marks, having to again search through a massive bundle of Registers to change marks of just one test.

The teachers must also evaluate each student at the end of the year, checking manually if they passed the class or not. Moreover, the school must also keep records of past students, which further burdens the staff and increases the heap of papers.

Overview of Project

Registration of Students

The project provides a computerized form for potential students at Welspun Vidya Mandir, making it very easy to enter the details for the applicants. It also makes it easier for the teachers to sort the data. The program also allows for updation and deletion of student details, if they happen to change address, for example.

Entering/Updating/Printing Marks

One of the main goals of the project was to provide an efficient alternative to manually interacting with student marks. The program has a very detailed view of the Register Books, keeping the format same to allow ease-of-access. Moreover, the administrators have access to a top-level view of the individual students' report cards, attendance, and transcripts. The administrators also have the ability to edit, update or print students' records. The ability to print the records can aid the teachers in conducting PTM's, as they can give a detailed, and easy to understand, view to the parents.

Database Design (MySQL)

Database – Welspun_DB

(Classes VI – IX, Master Table)

1. GradeAClass6Term1

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	NULL	
english	varchar(3)	YES		NULL	
Hindi	varchar(3)	YES		NULL	
Sanskrit	varchar(3)	YES		NULL	
mathematics	varchar(3)	YES		NULL	
science	varchar(3)	YES		NULL	
socialstudies	varchar(3)	YES		NULL	
informationtech	varchar(3)	YES		NULL	

2. GradeAClass6Term2

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	NULL	
english	varchar(3)	YES		NULL	
Hindi	varchar(3)	YES		NULL	
Sanskrit	varchar(3)	YES		NULL	
mathematics	varchar(3)	YES		NULL	
science	varchar(3)	YES		NULL	
socialstudies	varchar(3)	YES		NULL	
informationtech	varchar(3)	YES		NULL	

3. MarksObtainedClass6Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationtech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

4. MarksObtainedClass6Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationtech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

5. NotebookClass6Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
roll	int(5)	YES		NULL	

6. NotebookClass6Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
roll	int(5)	YES		NULL	

7. SubjectEnrichmentClass6Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

8. SubjectEnrichmentClass6Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

9. PeriodicTestClass6Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	0	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

10. PeriodicTestClass6Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

11. HalfYearlyClass6Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

12. HalfYearlyClass6Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

13. FinalClass6Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
section	varchar(50)	YES		NULL	
rollno	int(5)	YES		NULL	
academic1	int(5)	YES		NULL	
academic2	int(5)	YES		NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationTech	double	YES		NULL	
workeducation	varchar(3)	YES		NULL	
arteducation	varchar(3)	YES		NULL	
health_PE	varchar(3)	YES		NULL	
discipline	varchar(3)	YES		NULL	
final	double	YES		NULL	
percentage	double	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promotedClass	varchar(50)	YES		NULL	
classTeacher	varchar(50)	YES		NULL	
name	varchar(30)	YES		NULL	
class	varchar(10)	YES		NULL	

14. FinalClass6Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
section	varchar(50)	YES		NULL	
rollno	int(5)	YES		NULL	
academic1	int(5)	YES		NULL	
academic2	int(5)	YES		NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationtech	double	YES		NULL	
workeducation	varchar(3)	YES		NULL	
arteducation	varchar(3)	YES		NULL	
health_PE	varchar(3)	YES		NULL	
discipline	varchar(3)	YES		NULL	
final	double	YES		NULL	
percentage	double	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promotedClass	varchar(50)	YES		NULL	
classTeacher	varchar(50)	YES		NULL	
name	varchar(30)	YES		NULL	
class	varchar(10)	YES		NULL	

15. GradeAClass7Term1

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	NULL	
english	varchar(3)	YES		NULL	
Hindi	varchar(3)	YES		NULL	
Sanskrit	varchar(3)	YES		NULL	
mathematics	varchar(3)	YES		NULL	
science	varchar(3)	YES		NULL	
socialstudies	varchar(3)	YES		NULL	
informationtech	varchar(3)	YES		NULL	

16. GradeAClass7Term2

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	NULL	
english	varchar(3)	YES		NULL	
Hindi	varchar(3)	YES		NULL	
Sanskrit	varchar(3)	YES		NULL	
mathematics	varchar(3)	YES		NULL	
science	varchar(3)	YES		NULL	
socialstudies	varchar(3)	YES		NULL	
informationtech	varchar(3)	YES		NULL	

17. MarksObtainedClass7Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationtech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

18. MarksObtainedClass7Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationtech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

19. NotebookClass7Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
roll	int(5)	YES		NULL	

20. NotebookClass7Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
roll	int(5)	YES		NULL	

21. SubjectEnrichmentClass7Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

22. SubjectEnrichmentClass7Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

23. PeriodicTestClass7Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	0	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

24. PeriodicTestClass7Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

25. HalfYearlyClass7Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

26. HalfYearlyClass7Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

27. FinalClass7Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
section	varchar(50)	YES		NULL	
rollno	int(5)	YES		NULL	
academic1	int(5)	YES		NULL	
academic2	int(5)	YES		NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationTech	double	YES		NULL	
workeducation	varchar(3)	YES		NULL	
arteducation	varchar(3)	YES		NULL	
health_PE	varchar(3)	YES		NULL	
discipline	varchar(3)	YES		NULL	
final	double	YES		NULL	
percentage	double	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promotedClass	varchar(50)	YES		NULL	
classTeacher	varchar(50)	YES		NULL	
name	varchar(30)	YES		NULL	
class	varchar(10)	YES		NULL	

28. FinalClass7Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
section	varchar(50)	YES		NULL	
rollno	int(5)	YES		NULL	
academic1	int(5)	YES		NULL	
academic2	int(5)	YES		NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationTech	double	YES		NULL	
workeducation	varchar(3)	YES		NULL	
arteducation	varchar(3)	YES		NULL	
health_PE	varchar(3)	YES		NULL	
discipline	varchar(3)	YES		NULL	
final	double	YES		NULL	
percentage	double	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promotedClass	varchar(50)	YES		NULL	
classTeacher	varchar(50)	YES		NULL	
name	varchar(30)	YES		NULL	
class	varchar(10)	YES		NULL	

29. GradeAClass8Term1

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	NULL	
english	varchar(3)	YES		NULL	
Hindi	varchar(3)	YES		NULL	
Sanskrit	varchar(3)	YES		NULL	
mathematics	varchar(3)	YES		NULL	
science	varchar(3)	YES		NULL	
socialstudies	varchar(3)	YES		NULL	
informationtech	varchar(3)	YES		NULL	

30. GradeAClass8Term2

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	NULL	
english	varchar(3)	YES		NULL	
Hindi	varchar(3)	YES		NULL	
Sanskrit	varchar(3)	YES		NULL	
mathematics	varchar(3)	YES		NULL	
science	varchar(3)	YES		NULL	
socialstudies	varchar(3)	YES		NULL	
informationtech	varchar(3)	YES		NULL	

31. MarksObtainedClass8Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationtech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

32. MarksObtainedClass8Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationtech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

33. NotebookClass8Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
roll	int(5)	YES		NULL	

34. NotebookClass8Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
roll	int(5)	YES		NULL	

35. SubjectEnrichmentClass8Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

36. SubjectEnrichmentClass8Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

37. PeriodicTestClass8Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	0	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

38. PeriodicTestClass8Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

39. HalfYearlyClass8Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

40. HalfYearlyClass8Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialStudies	double	YES		NULL	
informationTech	double	YES		NULL	
class	varchar(20)	YES		NULL	
section	varchar(20)	YES		NULL	
rollno	int(5)	YES		NULL	

41. FinalClass8Term1

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
section	varchar(50)	YES		NULL	
rollno	int(5)	YES		NULL	
academic1	int(5)	YES		NULL	
academic2	int(5)	YES		NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationTech	double	YES		NULL	
workeducation	varchar(3)	YES		NULL	
arteducation	varchar(3)	YES		NULL	
health_PE	varchar(3)	YES		NULL	
discipline	varchar(3)	YES		NULL	
final	double	YES		NULL	
percentage	double	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promotedClass	varchar(50)	YES		NULL	
classTeacher	varchar(50)	YES		NULL	
name	varchar(30)	YES		NULL	
class	varchar(10)	YES		NULL	

42. FinalClass8Term2

Field	Type	Null	Key	Default	Extra
grno	int(7)	NO	PRI	NULL	
section	varchar(50)	YES		NULL	
rollno	int(5)	YES		NULL	
academic1	int(5)	YES		NULL	
academic2	int(5)	YES		NULL	
english	double	YES		NULL	
hindi	double	YES		NULL	
sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
socialstudies	double	YES		NULL	
informationTech	double	YES		NULL	
workeducation	varchar(3)	YES		NULL	
arteducation	varchar(3)	YES		NULL	
health_PE	varchar(3)	YES		NULL	
discipline	varchar(3)	YES		NULL	
final	double	YES		NULL	
percentage	double	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promotedClass	varchar(50)	YES		NULL	
classTeacher	varchar(50)	YES		NULL	
name	varchar(30)	YES		NULL	
class	varchar(10)	YES		NULL	

43. GradeAClass9

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	0	
English	varchar(3)	YES		NULL	
Hindi_Sanskrit	varchar(3)	YES		NULL	
Mathematics	varchar(3)	YES		NULL	
Science	varchar(3)	YES		NULL	
SocialStudies	varchar(3)	YES		NULL	
InformationTech	varchar(3)	YES		NULL	

44. MarksObtainedClass9

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	0	
English	double	YES		NULL	
Hindi_Sanskrit	double	YES		NULL	
Mathematics	double	YES		NULL	
Science	double	YES		NULL	
SocialStudies	double	YES		NULL	
InformationTech	double	YES		NULL	

45. NotebookClass9

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	0	
English	double	YES		NULL	
Hindi_Sanskrit	double	YES		NULL	
Mathematics	double	YES		NULL	
Science	double	YES		NULL	
SocialStudies	double	YES		NULL	
InformationTech	double	YES		NULL	

46. SubjectEnrichmentClass9

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	0	
English	double	YES		NULL	
Hindi_Sanskrit	double	YES		NULL	
Mathematics	double	YES		NULL	
Science	double	YES		NULL	
SocialStudies	double	YES		NULL	
InformationTech	double	YES		NULL	

47. BestPeriodicTestClass9

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	0	
English	double	YES		NULL	
Hindi_Sanskrit	double	YES		NULL	
Mathematics	double	YES		NULL	
Science	double	YES		NULL	
SocialStudies	double	YES		NULL	
InformationTech	double	YES		NULL	

48. AnnualExamClass9

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	0	
English	double	YES		NULL	
Hindi_Sanskrit	double	YES		NULL	
Mathematics	double	YES		NULL	
Science	double	YES		NULL	
SocialStudies	double	YES		NULL	
InformationTech	double	YES		NULL	

49. FinalClass9

Field	Type	Null	Key	Default	Extra
GRno	int(7)	NO	PRI	0	
Section	varchar(50)	YES		NULL	
rollno	varchar(50)	YES		NULL	
academic1	int(5)	YES		NULL	
academic2	int(5)	YES		NULL	
English	double	YES		NULL	
Hindi_Sanskrit	double	YES		NULL	
Mathematics	double	YES		NULL	
Science	double	YES		NULL	
SocialStudies	double	YES		NULL	
InformationTech	double	YES		NULL	
WorkEducation	varchar(3)	YES		NULL	
ArtEducation	varchar(3)	YES		NULL	
Health_PE	varchar(3)	YES		NULL	
Discipline	varchar(3)	YES		NULL	
final	double	YES		NULL	
percentage	double	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promotedClass	varchar(50)	YES		NULL	
classTeacher	varchar(50)	YES		NULL	
name	varchar(30)	YES		NULL	

50. Master_Table

Field	Type	Null	Key	Default	Extra
GR_no	int(4)	NO	PRI	0	
First_name	varchar(50)	YES		NULL	
middle_name	varchar(50)	YES		NULL	
last_name	varchar(50)	YES		NULL	
Father_Guardian1_Name	varchar(150)	YES		NULL	
Mother_Guardian2_Name	varchar(150)	YES		NULL	
Home_address	varchar(200)	YES		NULL	
City	varchar(100)	YES		NULL	
Pincode	int(7)	YES		NULL	
Date_of_Birth	date	YES		NULL	
Blood_Group	varchar(5)	YES		NULL	
Class	varchar(3)	YES		NULL	
section	varchar(10)	YES		NULL	
Aadhar_Number	int(15)	YES		NULL	
rollNum	int(3)	YES		NULL	

Database – IPProject

(Classes X-XII)

51. Miscell10

Field	Type	Null	Key	Default	Extra
grno	int(8)	NO	PRI	0	
roll_no	int(5)	YES		NULL	
section	varchar(10)	YES		NULL	
name	varchar(20)	YES		NULL	
nameTeach	varchar(20)	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promoteClass	int(5)	YES		NULL	
acad1	int(5)	YES		NULL	
acad2	int(5)	YES		NULL	

52. Preboard_I_Class10

Field	Type	Null	Key	Default	Extra
grno	int(8)	NO	PRI	0	
section	varchar(10)	YES		NULL	
roll_no	int(5)	YES		NULL	
english	double	YES		NULL	
hindi_sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
sst	double	YES		NULL	

53. Preboard_II_Class10

Field	Type	Null	Key	Default	Extra
grno	int(8)	NO	PRI	0	
section	varchar(10)	YES		NULL	
roll_no	int(5)	YES		NULL	
english	double	YES		NULL	
hindi_sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
sst	double	YES		NULL	

54. Preboard_III_Class10

Field	Type	Null	Key	Default	Extra
grno	int(8)	NO	PRI	0	
section	varchar(10)	YES		NULL	
roll_no	int(5)	YES		NULL	
english	double	YES		NULL	
hindi_sanskrit	double	YES		NULL	
mathematics	double	YES		NULL	
science	double	YES		NULL	
sst	double	YES		NULL	

55. Miscell_Class11Comm

Field	Type	Null	Key	Default	Extra
name	varchar(40)	YES		NULL	
nameTeach	varchar(40)	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promoteClass	int(5)	YES		NULL	
acad1	int(5)	YES		NULL	
acad2	int(5)	YES		NULL	
roll_no	int(5)	NO	PRI	0	

56. Coareas_Class11Comm

Field	Type	Null	Key	Default	Extra
workExp	varchar(5)	YES		NULL	
enviornment	varchar(5)	YES		NULL	
attend1	varchar(5)	YES		NULL	
attend2	varchar(5)	YES		NULL	
roll_no	int(5)	NO	PRI	0	

57. Hy170_Class11Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

58. Hy270_Class11Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

59. Practical1_Class11Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
roll_no	char(5)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

60. Practical2_Class11Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
roll_no	char(5)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

61. Ut1_Class11Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

62. Ut2_Class11Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

63. Ut3_Class11Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

64. Miscell_Class11Sci

Field	Type	Null	Key	Default	Extra
name	varchar(40)	YES		NULL	
nameTeach	varchar(40)	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promoteClass	int(5)	YES		NULL	
acad1	int(5)	YES		NULL	
acad2	int(5)	YES		NULL	
roll_no	int(5)	NO	PRI	0	

65. Coareas_Class11Sci

Field	Type	Null	Key	Default	Extra
workExp	varchar(5)	YES		NULL	
enviornment	varchar(5)	YES		NULL	
attend1	varchar(5)	YES		NULL	
attend2	varchar(5)	YES		NULL	
roll_no	int(5)	NO	PRI	0	

66. Hy170_Class11Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

67. Hy270_Class11Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

68. Practical1_Class11Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

69. Practical2_Class11Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

70. Ut1_Class11Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

71. Ut2_Class11Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

72. Ut3_Class11Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

73. Miscell_Class12Comm

Field	Type	Null	Key	Default	Extra
name	varchar(40)	YES		NULL	
nameTeach	varchar(40)	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promoteClass	int(5)	YES		NULL	
acad1	int(5)	YES		NULL	
acad2	int(5)	YES		NULL	
roll_no	int(5)	NO	PRI	0	

74. Coareas_Class12Comm

Field	Type	Null	Key	Default	Extra
workExp	varchar(5)	YES		NULL	
enviornment	varchar(5)	YES		NULL	
attend1	varchar(5)	YES		NULL	
attend2	varchar(5)	YES		NULL	
roll_no	int(5)	NO	PRI	0	

75. Hy170_Class12Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

76. Practical1_Class12Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
roll_no	char(5)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

77. Ut1_Class12Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

78. Ut2_Class12Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

79. Ut3_Class12Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

80. PreBoard_I_Class12Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

81. PreBoard_II_Class12Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

82. PreBoard_III_Class12Comm

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
section	char(10)	YES		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Accountancy	double	YES		NULL	
Bst	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	
economics	double	YES		NULL	

83. Miscell_Class12Sci

Field	Type	Null	Key	Default	Extra
name	varchar(40)	YES		NULL	
nameTeach	varchar(40)	YES		NULL	
attend1	int(5)	YES		NULL	
attend2	int(5)	YES		NULL	
promoteClass	int(5)	YES		NULL	
acad1	int(5)	YES		NULL	
acad2	int(5)	YES		NULL	
roll_no	int(5)	NO	PRI	0	

84. Coareas_Class12Sci

Field	Type	Null	Key	Default	Extra
workExp	varchar(5)	YES		NULL	
enviornment	varchar(5)	YES		NULL	
attend1	varchar(5)	YES		NULL	
attend2	varchar(5)	YES		NULL	
roll_no	int(5)	NO	PRI	0	

85. Hy170_Class12Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

86. Practical1_Class12Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

87. Ut1_Class12Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

88. Ut2_Class12Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

89. Ut3_Class12Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO	PRI	NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	YES	UNI	NULL	
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

90. PreBoard_I_Class12Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

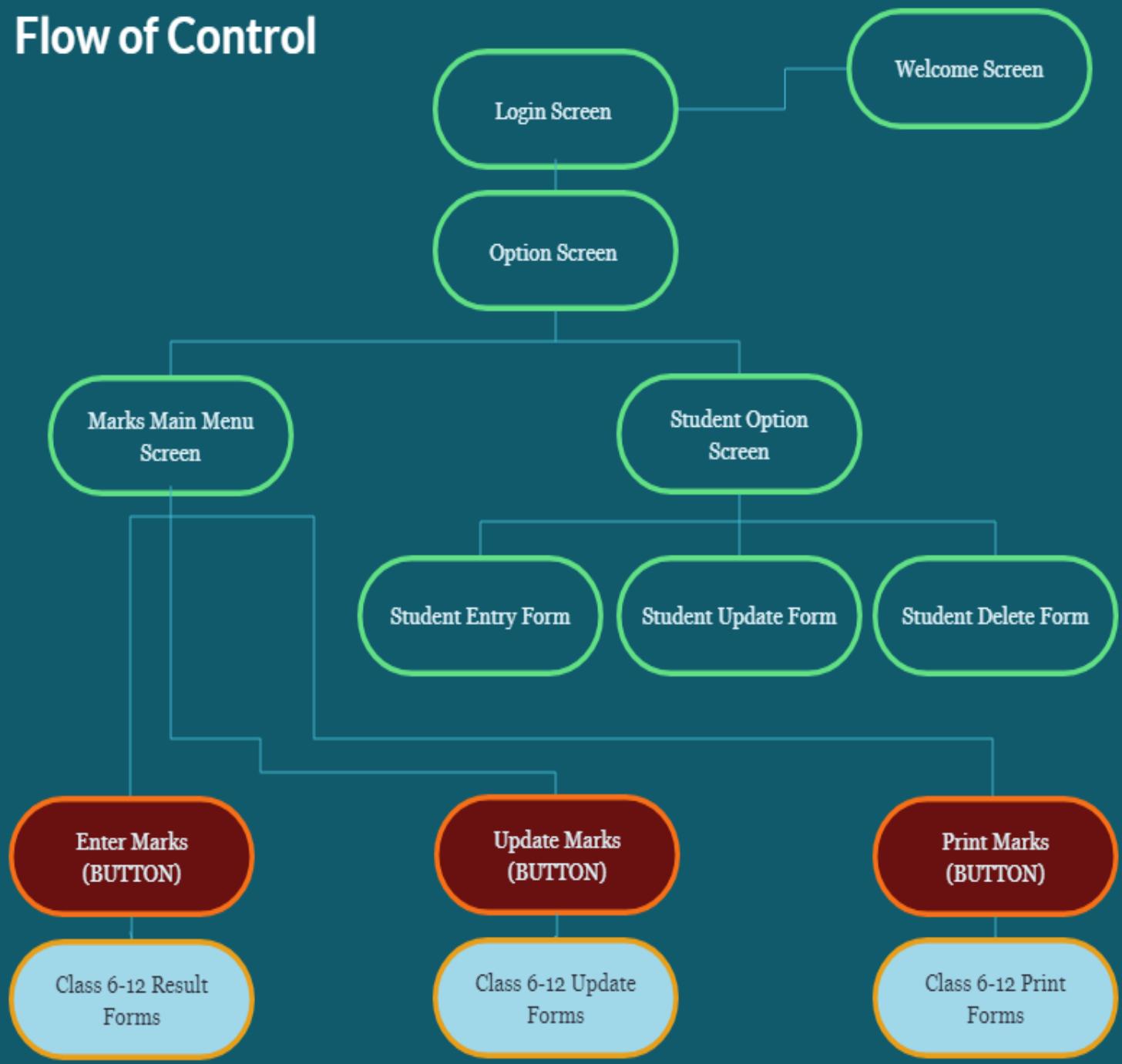
91. PreBoard_II_Class12Sci

Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

92. PreBoard_III_Class12Sci

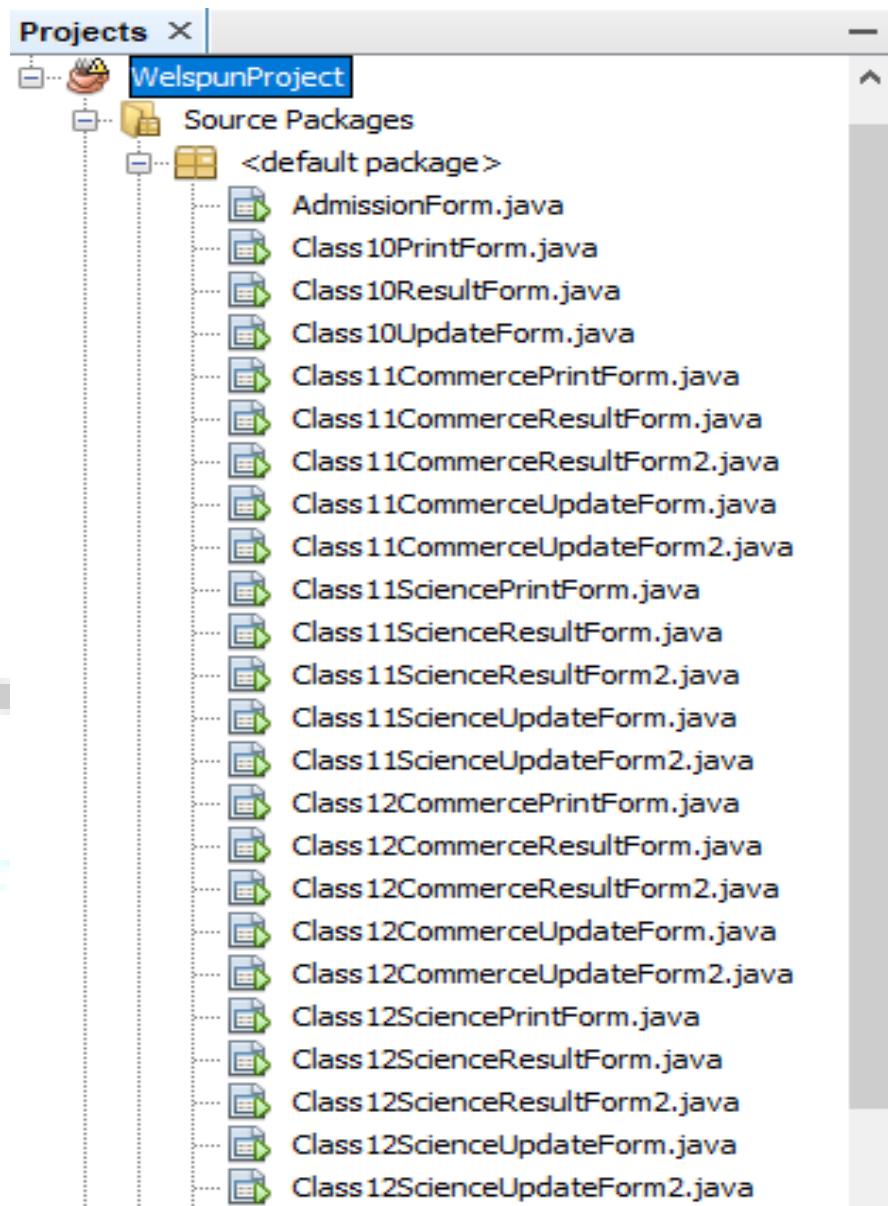
Field	Type	Null	Key	Default	Extra
Grno	char(10)	NO		NULL	
name	varchar(20)	NO		NULL	
Section	char(8)	NO		NULL	
Roll_no	char(10)	NO	PRI		
English	double	YES		NULL	
Physics	double	YES		NULL	
Chemistry	double	YES		NULL	
Mathematics	double	YES		NULL	
IP	double	YES		NULL	
PE	double	YES		NULL	

Flow of Control



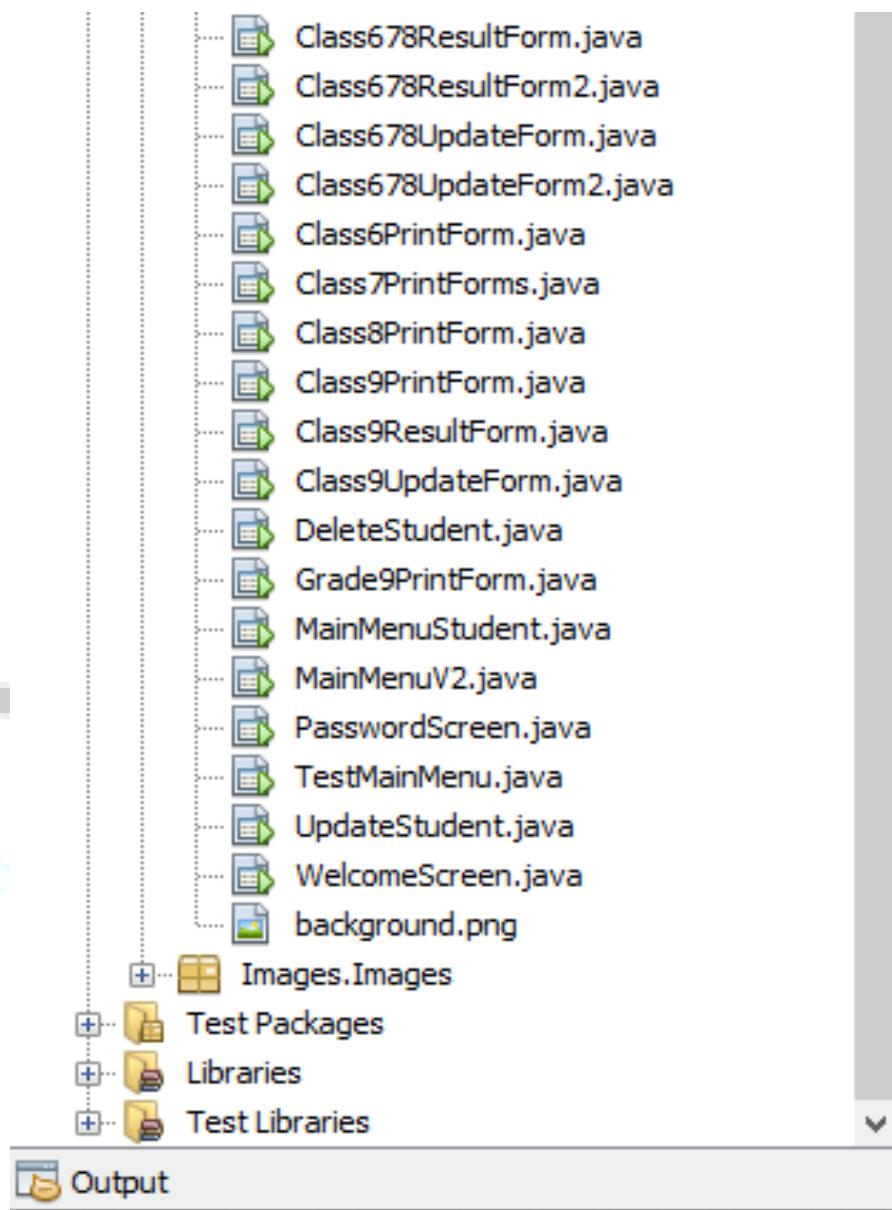
Project Explorer

The Student Portal contains the following modules:



Project Explorer (Continued)

The Student Portal contains the following modules:



Program Output

Welcome Screen

Welcome to WVM Result Processing



GET STARTED

Get Started

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
    new PasswordScreen().setVisible(true);  
    // TODO add your handling code here:  
}
```

Login Screen



Need To Import/Global:

```
import javax.swing.JOptionPane;

public class PasswordScreen extends javax.swing.JFrame {
    int totalAttempts = 2;
```

Login

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String user = userName.getText();
    String pass = password.getText();

    String realUser = "NAS";
    String realPass = "Deflated";
    boolean allow1 = true;
```

```
boolean allow2 = true;

if (user.equals(""))
{
    JOptionPane.showMessageDialog(null, "Please enter the username");
    allow1 = false;
}

if (pass.equals(""))
{
    JOptionPane.showMessageDialog(null, "Please enter the password");
    allow2 = false;
}

if (allow1 == true && allow2 == true)
{
    if (totalAttempts != 0)
    {
        if (user.equals(realUser) && pass.equals(realPass)) {
this.dispose();
        new MainMenuV2().setVisible(true);
    }

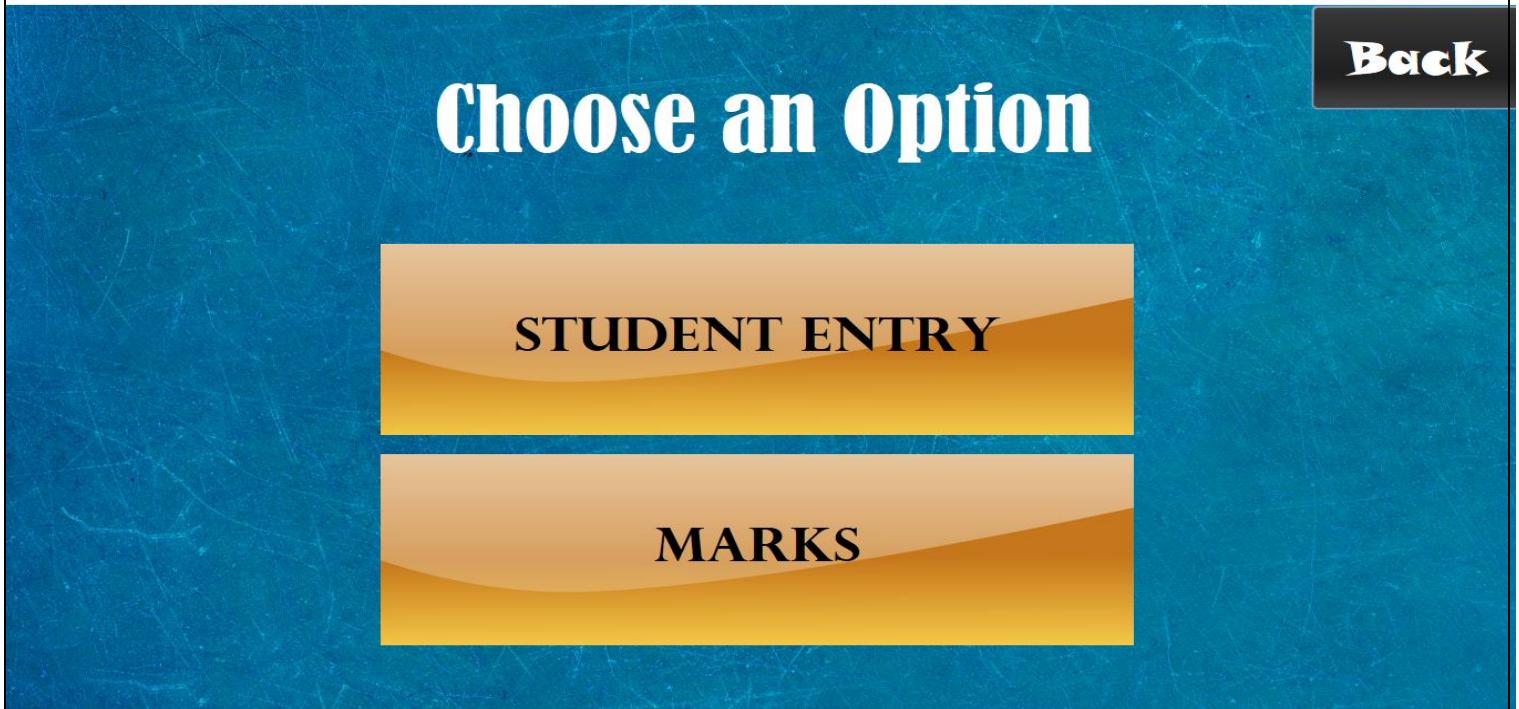
        else {
            JOptionPane.showMessageDialog(null, "Incorrect Username or
                Password: " + totalAttempts + " tries left");
            totalAttempts--;
        }
    }

    else {
        JOptionPane.showMessageDialog(null, "Total number of attempts
            exceeded. Try again later.");
        this.dispose();
        new WelcomeScreen().setVisible(true);
    }
}
}
```

[Back](#)

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new WelcomeScreen().setVisible(true);
}
```

Option Screen



Student Entry

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new MainMenuStudent().setVisible(true); // TODO add your handling code here:
}
```

Marks

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose(); TestMainMenu().setVisible(true);
}
```

Back:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new PasswordScreen().setVisible(true); // TODO add your handling code here:
}
```

Student Option Screen

Back

Choose an Option

ENTER NEW STUDENT

UPDATE STUDENT DETAILS

DELETE STUDENT

Enter New Student

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new AdmissionForm().setVisible(true); // TODO add your handling code here:
}
```

Update Student Details

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new UpdateStudent().setVisible(true); // TODO add your handling code here:
}
```

Delete Student

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new DeleteStudent().setVisible(true);
}
```

[Back](#)

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new MainMenuV2().setVisible(true); // TODO add your handling code here:
}
```

Student Entry Screen**Admission Form****Back**G.R. Number: Father/Guardian 1 Name: First Name: Mother/Guardian 2 Name: Last Name: Home Address: Middle Name: City: DOB(YYYY-MM-DD): Pincode: Class (Numerical): **Enter Student Details**Section: Aadhar Number: Roll Number: Blood Group: Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane
```

Back:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new MainMenuStudent().setVisible(true); // TODO add your handling code here:
}
```

Enter Student Details:

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    int grno = Integer.parseInt(grTF.getText());  
    String fname = fnameTF.getText();  
    String mname = mnameTF.getText();  
    String lname = lnameTF.getText();  
    String fathername = fatherTF.getText();  
    String mothername = motherTF.getText();  
    String address = addTF.getText();  
    String city = cityTF.getText();  
    int pin = Integer.parseInt(pinTF.getText());  
    String DOB = DOBtf.getText();  
    String blood = bloodTF.getText();  
    String section = sectTF.getText();  
    int aadhar = Integer.parseInt(aadharTF.getText());  
    int roll = Integer.parseInt(rollTF.getText());  
    String classVar = classTF.getText();  
  
    try  
{  
        Class.forName("java.sql.Driver");  
  
        Connection con = DriverManager.getConnection("jdbc:mysql://  
            localhost:3306/welspan_db","root","ankit");  
  
        Statement stmt = con.createStatement();  
        String query = "insert into master_table values(" + grno + ", '" +  
            fname + "', '" + mname + "', '" + lname + "', '" + fathername  
            + "', '" + mothername + "', '" + address + "', '" + city + "',  
            " + pin + ", '" + DOB + "', '" + blood + "', '"  
            + classVar + "', '" + section + "', " + aadhar + ", " + roll +  
            ")";  
  
        stmt.executeUpdate(query);  
        JOptionPane.showMessageDialog(null, "Student Details Successfully  
            Entered");  
        stmt.close();  
        con.close();  
    }  
    catch (Exception e)  
    {  
        JOptionPane.showMessageDialog(null, e);  
    }  
}
```

Student Update Screen

Update Student

[Back](#)
G.R. Number: **Find Student**First Name: Father/Guardian 1 Name: Last Name: Mother/Guardian 2 Name: Middle Name: Home Address: DOB (YYYY-MM-DD): City: Class (Numerical): Pincode: Section: Roll Number: Aadhar Number: Blood Group: **Update Details**Need To Import/Global

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
```

[Back](#)

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new MainMenuStudent().setVisible(true); // TODO add your handling code here:
}
```

[Find Student](#)

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    int GrNum = Integer.parseInt(grTF.getText());
    fnameTF.setEnabled(true);
    mnameTF.setEnabled(true);
    lnameTF.setEnabled(true);
    DOBtf.setEnabled(true);
    aadharTF.setEnabled(true);
    addTF.setEnabled(true);
    bloodTF.setEnabled(true);
    cityTF.setEnabled(true);
    classTF.setEnabled(true);
    fatherTF.setEnabled(true);
    motherTF.setEnabled(true);
    pinTF.setEnabled(true);
    rollTF.setEnabled(true);
    sectTF.setEnabled(true);
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://
            localhost:3306/welspan_db", "root", "ankit");
        Statement stmt = con.createStatement();
        String query1 = "select * from master_table where GR_no = " + GrNum + "
            ;";
        ResultSet rs = stmt.executeQuery(query1);
        while(rs.next())
        {
            String fname = rs.getString("First_name");
            String mname = rs.getString("Middle_name");
            String lname = rs.getString("Last_name");
            String father = rs.getString("Father_Guardian1_Name");
            String mother = rs.getString("Mother_Guardian2_Name");
            String add = rs.getString("Home_address");
            String city = rs.getString("city");
            int pincode = Integer.parseInt(rs.getString("Pincode"));
            String DOB = rs.getString("Date_of_birth");
            String blood = rs.getString("Blood_Group");
            String classVar = rs.getString("Class");
            String section = rs.getString("Section");
            int aadhar = Integer.parseInt(rs.getString("Aadhar_Number"));
            int roll = Integer.parseInt(rs.getString("rollNum"));

            fnameTF.setText(fname);
            mnameTF.setText(mname);
            lnameTF.setText(lname);
            DOBtf.setText(DOB);
            aadharTF.setText(" " + aadhar);
            addTF.setText(add);
            bloodTF.setText(blood);
            cityTF.setText(city);
            classTF.setText(classVar);
            fatherTF.setText(father);
            motherTF.setText(mother);
            pinTF.setText(" " + pincode);
            rollTF.setText(" " + roll);
            sectTF.setText(section);
        }
    } catch (Exception e) {
        e.printStackTrace();
    }
}
```

```

        }

        rs.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    } // TODO add your handling code here:
}

```

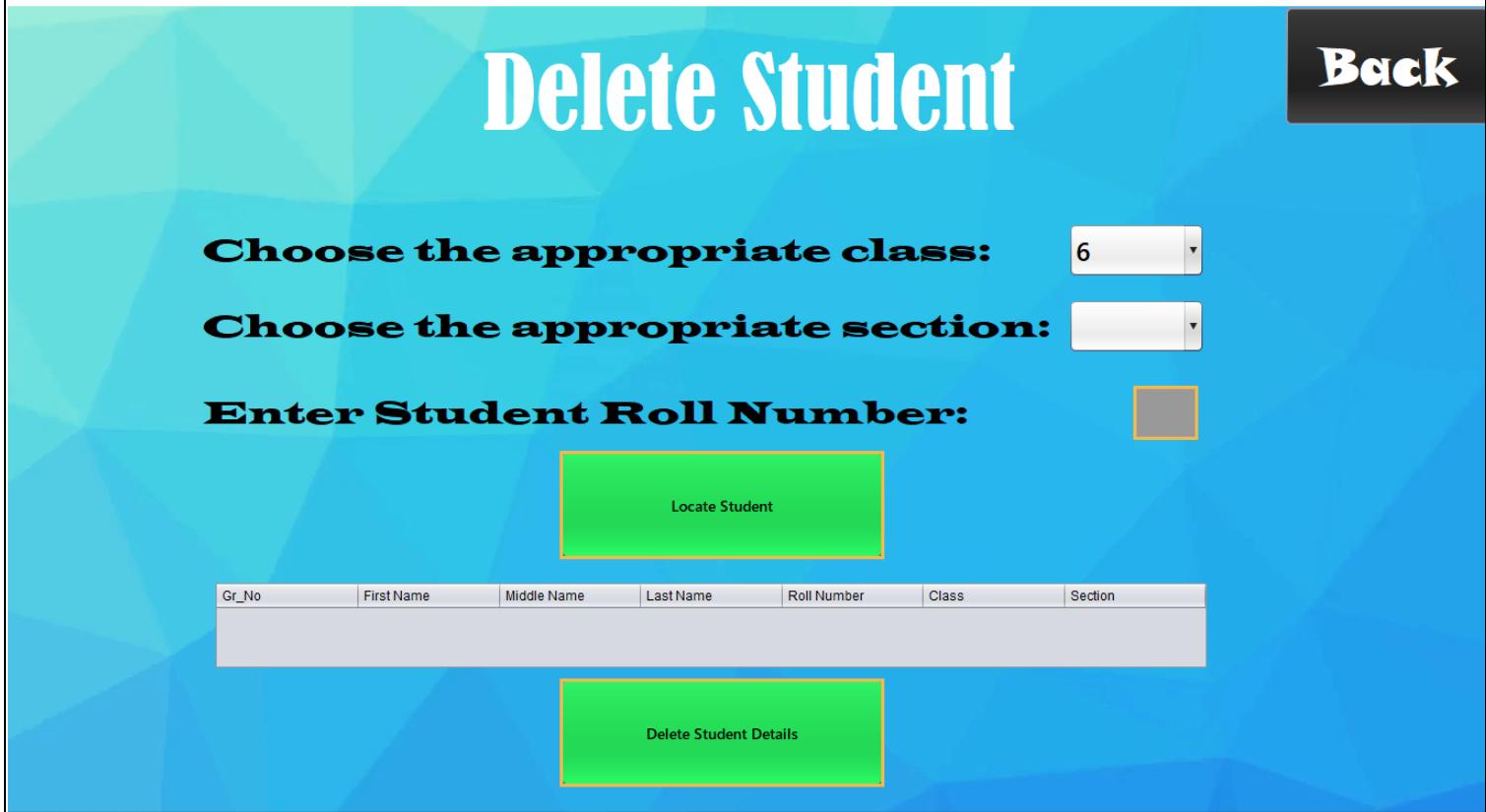
Update Details

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    int GrNum = Integer.parseInt(grTF.getText());
    String fname = fnameTF.getText();
    String mname = mnameTF.getText();
    String lname = lnameTF.getText();
    String fathername = fatherTF.getText();
    String mothername = motherTF.getText();
    String address = addTF.getText();
    String city = cityTF.getText();
    int pin = Integer.parseInt(pinTF.getText());
    String DOB = DOBtf.getText();
    String blood = bloodTF.getText();
    String section = sectTF.getText();
    int aadhar = Integer.parseInt(aadharTF.getText());
    int roll = Integer.parseInt(rollTF.getText());
    String classVar = classTF.getText();
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://
            localhost:3306/welspan_db", "root", "ankit");
        Statement stmt = con.createStatement();
        String query1 = "update master_table set First_Name = '" + fname + "' ,
            Middle_name = '" + mname + "' , Last_name = '" + lname +
            "' , Father_Guardian1_Name = '" + fathername + "' ,
            Mother_Guardian2_Name = '" + mothername +
            "' , home_address = '" + address + "' , city = '" + city + "' ,
            pincode = "
            + pin + ", Date_of_Birth = '" + DOB + "' , Blood_group = '" +
            blood + "' , section = '" +
            section + "' , aadhar_number = " + aadhar + ", rollNum = " + roll +
            ", class = '" +
            classVar + "' where GR_no = " + GrNum + " ; ";
        stmt.executeUpdate(query1);
        stmt.close();
        con.close();
        JOptionPane.showMessageDialog(null, "Student Details Successfully
            Updated");
    }
}

```

Student Delete Screen



Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Back:

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new MainMenuStudent().setVisible(true); // TODO add your handling code here:
}
```

Locate Student:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    String stuClass = (String) inputClass.getSelectedItem();
    String stuSection = (String) sectCB.getSelectedItem();
    int roll = Integer.parseInt(rollNum.getText());
    String rollVar = "-1";

    DefaultTableModel model = (DefaultTableModel) listTB.getModel();

    try
    {
        Class.forName("java.sql.Driver");

        Connection con = DriverManager.getConnection("jdbc:mysql://
            localhost:3306/webspun_db","root","ankit");

        Statement stmt = con.createStatement();
        String query = "Select * from master_table where class = '" + stuClass
            + "' and section = '" + stuSection + "' and rollNum = " + roll + ";";
        ResultSet rs = stmt.executeQuery(query);

        while(rs.next())
        {
            String gr = rs.getString("gr_no");
            String fname = rs.getString("first_name");
            String mname = rs.getString("middle_name");
            String lname = rs.getString("last_name");
            String classVar = rs.getString("class");
            String sectionVar = rs.getString("section");
            rollVar = rs.getString("rollNum");

            model.addRow(new Object[] {gr, fname, mname, lname, rollVar,
                classVar, sectionVar});
        }

        if (rollVar.equals("-1"))
        {
            JOptionPane.showMessageDialog(null, "Enter valid details");
        }
        rs.close();
        stmt.close();
        con.close();
    }
    catch (Exception e)
    {
        JOptionPane.showMessageDialog(null, "Enter valid details");
    }
    // TODO add your handling code here:
}

```

RollNum TextField:

```

private void rollNumActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) listTB.getModel();
    modelA.setRowCount(0);           // TODO add your handling code here:
}

```

Class ComboBox:

```

private void inputClassActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel modelA = (DefaultTableModel) listTB.getModel();
    modelA.setRowCount(0);

    if (inputClass.getSelectedItem().equals("6") ||
        inputClass.getSelectedItem().equals("7") || inputClass.getSelectedItem().equals("8") ||
        inputClass.getSelectedItem().equals("9") || inputClass.getSelectedItem().equals("10"))
    {
        sectCB.removeAllItems();
        sectCB.addItem("A");
        sectCB.addItem("B");
        sectCB.addItem("C");
        sectCB.addItem("D");
    }

    if (inputClass.getSelectedItem().equals("11") ||
        inputClass.getSelectedItem().equals("12"))
    {
        sectCB.removeAllItems();
        sectCB.addItem("Science");
        sectCB.addItem("Commerce");
    }
}
}

```

Delete Student Details:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

    String stuClass = (String) inputClass.getSelectedItem();
    String stuSection = (String) sectCB.getSelectedItem();
    int roll = Integer.parseInt(rollNum.getText());
    try
    {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://
            localhost:3306/welspan_db", "root", "ankit");

        Statement stmt = con.createStatement();
        String query = "Delete from master_table where class = '" + stuClass +
            "' and section = '" + stuSection + "' and rollNum = " + roll + ";";
        stmt.executeUpdate(query);

        JOptionPane.showMessageDialog(null, "Student successfully deleted");
        stmt.close();
        con.close();
    }
    catch (Exception e)
    {
        JOptionPane.showMessageDialog(null, "Enter valid details");
    }
}

```

Section ComboBox:

```

private void sectCBActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) listTB.getModel();
    modelA.setRowCount(0); // TODO add your handling code here
}

```

Marks Main Menu Screen



Need To Import/Global:

Let's see the code to come to us from every user.

```
import javax.swing.JOptionPane;

public class TestMainMenu extends javax.swing.JFrame {

    public static String classNumber;
    public static String sectionLetter;
```

Back:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new MainMenuV2().setVisible(true); // TODO add your handling code here:
```

}

Enter Marks (First Time ONLY)

```
private void btn1ActionPerformed(java.awt.event.ActionEvent evt) {  
    String stuClass = (String) inputClass.getSelectedItem();  
  
    if (stuClass.equals("6")){  
        classNumber = "6";  
        this.dispose();  
        new Class678ResultForm().setVisible(true);  
    }  
  
    if (stuClass.equals("7")){  
        classNumber = "7";  
        this.dispose();  
        new Class678ResultForm().setVisible(true);  
    }  
  
    if (stuClass.equals("8")){  
        classNumber = "8";  
        this.dispose();  
        new Class678ResultForm().setVisible(true);  
    }  
  
    if (stuClass.equals("9")){  
        classNumber = "9";  
        this.dispose();  
        new Class9ResultForm().setVisible(true);  
    }  
  
    if (stuClass.equals("10")){  
        classNumber = "10";  
        this.dispose();  
        new Class10ResultForm().setVisible(true);  
    }  
  
    if (stuClass.equals("11")){  
        Object[] options = {"Science", "Commerce"};  
  
        int result = JOptionPane.showOptionDialog(null, "Choose a section",  
            "Option",  
            JOptionPane.YES_NO_CANCEL_OPTION, JOptionPane.PLAIN_MESSAGE,  
            null, options, null);  
  
        if (result == JOptionPane.YES_OPTION)  
        {  
            this.dispose();  
            new Class11ScienceResultForm().setVisible(true);  
        }  
  
        else if (result == JOptionPane.NO_OPTION)  
        {  
            this.dispose();  
            new Class11CommerceResultForm().setVisible(true);  
        }  
    }  
  
    if (stuClass.equals("12"))
```

```

{
    Object[] options = {"Science", "Commerce"};

    int result = JOptionPane.showOptionDialog(null, "Choose a section",
        "Option",
        JOptionPane.YES_NO_CANCEL_OPTION, JOptionPane.PLAIN_MESSAGE,
        null, options, null);

    if (result == JOptionPane.YES_OPTION)
    {
        this.dispose();
        new Class12ScienceResultForm().setVisible(true);
    }

    else if (result == JOptionPane.NO_OPTION)
    {
        this.dispose();
        new Class12CommerceResultForm().setVisible(true);
    }
}
}

```

Update Marks

```

private void btn3ActionPerformed(java.awt.event.ActionEvent evt) {
    String stuClass = (String) inputClass.getSelectedItem();

    if (stuClass.equals("6"))
    {
        classNumber = "6";
        this.dispose();
        new Class678UpdateForm().setVisible(true);
    }

    if (stuClass.equals("7"))
    {
        classNumber = "7";
        this.dispose();
        new Class678UpdateForm().setVisible(true);
    }

    if (stuClass.equals("8"))
    {
        classNumber = "8";
        this.dispose();
        new Class678UpdateForm().setVisible(true);
    }

    if (stuClass.equals("9"))
    {
        classNumber = "9";
        this.dispose();
        new Class9UpdateForm().setVisible(true);
    }

    if (stuClass.equals("10"))
    {
        classNumber = "10";
    }
}

```

```

        this.dispose();
        new Class10UpdateForm().setVisible(true);
    }

    if (stuClass.equals("11"))
    {
        Object[] options = {"Science", "Commerce"};

        int result = JOptionPane.showOptionDialog(null, "Choose a section",
            "Option",
            JOptionPane.YES_NO_CANCEL_OPTION, JOptionPane.PLAIN_MESSAGE,
            null, options, null);

        if (result == JOptionPane.YES_OPTION)
            this.dispose();
            new Class11ScienceUpdateForm().setVisible(true);
        }

        else if (result == JOptionPane.NO_OPTION) {
            this.dispose();
            new Class11CommerceUpdateForm().setVisible(true);
        }
    }

    if (stuClass.equals("12")){
        Object[] options = {"Science", "Commerce"};

        int result = JOptionPane.showOptionDialog(null, "Choose a section",
            "Option",
            JOptionPane.YES_NO_CANCEL_OPTION, JOptionPane.PLAIN_MESSAGE,
            null, options, null);

        if (result == JOptionPane.YES_OPTION) {
            this.dispose();
            new Class12ScienceUpdateForm().setVisible(true);
        }

        else if (result == JOptionPane.NO_OPTION) {
            this.dispose();
            new Class12CommerceUpdateForm().setVisible(true);
        }
    }
    // TODO add your handling code here:
}

```

[View Marks:](#)

```

private void btn2ActionPerformed(java.awt.event.ActionEvent evt) {
    String stuClass = (String) inputClass.getSelectedItem();

    if (stuClass.equals("6")){
        this.dispose();
        new Class6PrintForm().setVisible(true);
    }

    if (stuClass.equals("7")){
        this.dispose();
        new Class7PrintForms().setVisible(true);
    }
}

```

```
}

if (stuClass.equals("8")){
    this.dispose();
    new Class8PrintForm().setVisible(true);
}

if (stuClass.equals("9")){
    this.dispose();
    new Class9PrintForm().setVisible(true);
}

if (stuClass.equals("10")) {
    this.dispose();
    new Class10PrintForm().setVisible(true);
}

if (stuClass.equals("11")){
{
    Object[] options = {"Science", "Commerce"};

    int result = JOptionPane.showOptionDialog(null, "Choose a section",
        "Option",
        JOptionPane.YES_NO_CANCEL_OPTION, JOptionPane.PLAIN_MESSAGE,
        null, options, null);

    if (result == JOptionPane.YES_OPTION)
    {
        this.dispose();
        new Class11SciencePrintForm().setVisible(true);
    }

    else if (result == JOptionPane.NO_OPTION)
    {
        this.dispose();
        new Class11CommercePrintForm().setVisible(true);
    }
}

if (stuClass.equals("12"))
{
    Object[] options = {"Science", "Commerce"};

    int result = JOptionPane.showOptionDialog(null, "Choose a section",
        "Option",
        JOptionPane.YES_NO_CANCEL_OPTION, JOptionPane.PLAIN_MESSAGE,
        null, options, null);

    if (result == JOptionPane.YES_OPTION)
    {
        this.dispose();
        new Class12SciencePrintForm().setVisible(true);
    }

    else if (result == JOptionPane.NO_OPTION)
    {
        this.dispose();
        new Class12CommercePrintForm().setVisible(true);
    }
}
```

Classes 6, 7, 8 Result Form

Result Form

Back

G.R. Number:

Class:

Section:

Attendance: Days / Days

Name:

Name of Class Teacher:

Promoted to Class (enter Number):

Roll Number:

Academic Session: 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1	Subject Name	Perio...	Noteb...	Subje...	HY Ex...	Marks...	Grade
	English						
	Hindi						
	Sanskrit						
	Mathematics						
	Science						
	Social Science						
	Information Technology						

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 1	Areas	Grade
	Work Education (Pre-Vocational Educati...	
	Art Education	
	Health & Physical Education	
	Discipline	

Need To Import/Global:

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;

public class Class678ResultForm extends javax.swing.JFrame {

    public static String grNumber;
    public static String classSection;
    public static int rollNumber;
    public static String academicValue1;
    public static String academicValue2;
    public static String attendanceValue1;
    public static String attendanceValue2;
```

```

public static String promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Calculate

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    grNumber = grNum.getText();
    classSection = class_Sect.getText();
    rollNumber = Integer.parseInt(rollNo.getText());
    academicValue1 = academic1.getText();
    academicValue2 = academic2.getText();
    attendanceValue1 = attendance1.getText();
    attendanceValue2 = attendance2.getText();
    promotedClass = promotedToClass.getText();
    nameOfTeacher = nameTeacher.getText();
    nameValue = name.getText();
    classNumber = classNum.getText();

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 10 && (double)
            modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }
        else {
            JOptionPane.showMessageDialog(null, "Max value allowed is 10 and
                Min value allowed is 0. Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }
    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i,2) <= 5 && (double)
            modelA.getValueAt(i,2) >= 0)
        {
            allow2Term1 = true;
        }
        else {
            JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min
                value allowed is 0. Re-enter Data Value");
            allow2Term1 = false;
        }
    }
}

```

```

        break;
    }

    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i, 3) <= 5 && (double)
            modelA.getValueAt(i, 3) >= 0)
        {
            allow3Term1 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min
                value allowed is 0. Re-enter Data Value");
            allow3Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i, 4) <= 80 && (double)
            modelA.getValueAt(i, 4) >= 0)
        {
            allow4Term1 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 80 and
                Min value allowed is 0. Re-enter Data Value");
            allow4Term1 = false;
            break;
        }
    }

    if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true &&
        allow4Term1 == true)
    {
        double marksEnglish1 = (double) modelA.getValueAt(0,1) + (double)
            modelA.getValueAt(0,2) + (double) modelA.getValueAt(0,3) + (double)
            modelA.getValueAt(0,4);

        double marksHindi1 = (double) modelA.getValueAt(1,1) + (double)
            modelA.getValueAt(1,2) + (double) modelA.getValueAt(1,3) + (double)
            modelA.getValueAt(1,4);

        double marksSanskrit1 = (double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(2,2)
            + (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);

        double marksMathematics1 = (double) modelA.getValueAt(3,1) + (double)
            modelA.getValueAt(3,2) + (double) modelA.getValueAt(3,3) + (double)
            modelA.getValueAt(3,4);

        double marksScience1 = (double) modelA.getValueAt(4,1) + (double) modelA.getValueAt(4,2)
            + (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);

        double marksSocialStudies1 = (double) modelA.getValueAt(5,1) + (double)
            modelA.getValueAt(5,2) + (double) modelA.getValueAt(5,3) + (double)
            modelA.getValueAt(5,4);
    }
}

```

```

        double marksInformationTech1 = (double) modelA.getValueAt(6,1) + (double)
modelA.getValueAt(6,2) + (double) modelA.getValueAt(6,3) + (double)
modelA.getValueAt(6,4);

modelA.setValueAt(marksEnglish1, 0, 5);
modelA.setValueAt(marksHindi1, 1, 5);
modelA.setValueAt(marksSanskrit1, 2, 5);
modelA.setValueAt(marksMathematics1, 3, 5);
modelA.setValueAt(marksScience1, 4, 5);
modelA.setValueAt(marksSocialStudies1, 5, 5);
modelA.setValueAt(marksInformationTech1, 6, 5);

        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double)
modelA.getValueAt(4,5)+ (double) modelA.getValueAt(5,5);
double percentage1 = totalMarks1 / 600 * 100;

resultOutOf5001.setText("+" + totalMarks1);
resultPercentage1.setText("+" + percentage1 + " %");

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 91)
    {
        modelA.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 81 && (double)
modelA.getValueAt(i,5) <= 90)
    {
        modelA.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 71 && (double)
modelA.getValueAt(i,5) <= 80)
    {
        modelA.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 61 && (double)
modelA.getValueAt(i,5) <= 70)
    {
        modelA.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 51 && (double)
modelA.getValueAt(i,5) <= 60)
}

```

```

        {
            modelA.setValueAt("C1", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) >= 41 && (double)
modelA.getValueAt(i, 5) <= 50)
        {
            modelA.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) >= 33 && (double) modelA.getValueAt(i, 5) <= 40)
        {
            modelA.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }
}
}

```

Execute

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

    classNumber = classNum.getText();
    classSection = class_Sect.getText();
    rollNumber = Integer.parseInt(rollNo.getText());

    try { Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db","root","ankit");
        Statement stmt = con.createStatement();
        DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
        DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();
        boolean allow1Term1 = false;
        boolean allow2Term1 = false;
        boolean allow3Term1 = false;
        boolean allow4Term1 = false;
        boolean allow5Term1 = false;
        //Term 1
        for (int i = 0; i < 6; i++)
        {
            if((double) modelA.getValueAt(i,1) <= 10)
            {
                allow1Term1 = true;
            }
        }
    }
}

```

```

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,2) <= 5)
    {
        allow2Term1 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,3) <= 5)
    {
        allow3Term1 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,4) <= 80)
    {
        allow4Term1 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,5) <= 100)
    {
        allow5Term1 = true;
    }
}

if (classNum.getText().equals("6"))
{
    //Give values to different queries (Class 6)
    String queryBestPeriodicTest = "Insert into periodictestclass6term1 values" + "(" +
grNum.getText() + ", "
        + modelA.getValueAt(0,1) + " , " + modelA.getValueAt(1,1)
        + " , " + modelA.getValueAt(2,1) + " , " + modelA.getValueAt(3,1) + " , " +
modelA.getValueAt(4,1) + " , "
        + modelA.getValueAt(5,1) + " , " + modelA.getValueAt(6,1) + ", '" + classNumber +
"', '" +
        classSection + "' , " + rollNumber + ");";
    String queryNotebook = "Insert into notebookclass6Term1 values" + "(" + grNum.getText() + "
"
        + modelA.getValueAt(0,2) + " , " + modelA.getValueAt(1,2)
        + " , " + modelA.getValueAt(2,2) + " , " + modelA.getValueAt(3,2) + " , " +
modelA.getValueAt(4,2)
        + " , " + modelA.getValueAt(5,2) + " , " + modelA.getValueAt(6,2) + ", '" +
classNumber +
"', '" + classSection + "' , " + rollNumber + ");";
    String querySubjectEnrichment = "Insert into subjectEnrichmentclass6term1 values" + "(" +
grNum.getText()
        + " , " + modelA.getValueAt(0,3) + " , " + modelA.getValueAt(1,3)
        + " , " + modelA.getValueAt(2,3) + " , " + modelA.getValueAt(3,3) + " , " +
modelA.getValueAt(4,3)
        + " , " + modelA.getValueAt(5,3) + " , " + modelA.getValueAt(6,3) + ", '" +
classNumber +
'
```

```

        " ', ' + classSection + ' ', " + rollNumber + ");";

String queryAnnualExam = "Insert into halfYearlyclass6Term1 values" + "(" + grNum.getText()
+ " , "
+ modelA.getValueAt(0,4) + " , " + modelA.getValueAt(1,4)
+ " , " + modelA.getValueAt(2,4) + " , " + modelA.getValueAt(3,4) + " , " +
modelA.getValueAt(4,4)
+ " , " + modelA.getValueAt(5,4) + " , " + modelA.getValueAt(6,4) + " , " +
classNumber
+ " ', ' + classSection + ' ', " + rollNumber + ");";

String queryMarksObtained = "Insert into marksObtainedclass6Term1 values" + "(" +
grNum.getText()
+ " , " + modelA.getValueAt(0,5) + " , " + modelA.getValueAt(1,5)
+ " , " + modelA.getValueAt(2,5) + " , " + modelA.getValueAt(3,5) + " , " +
modelA.getValueAt(4,5)
+ " , " + modelA.getValueAt(5,5) + " , " + modelA.getValueAt(6,5) + " , " +
classNumber
+ " ', ' + classSection + ' ', " + rollNumber + ");";

double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5)
+ (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5)+ (double)
modelA.getValueAt(5,5);
double percentage1 = totalMarks1 / 600 * 100;

String queryFinal = "Insert into finalclass6term1 values" + "(" + grNum.getText() + " , " +
" , "
+ class_Sect.getText() + " , " + " , " + rollNo.getText() + " , " + academic1.getText()
+ " , " + academic2.getText() + " , " + modelA.getValueAt(0,5) + " , " +
modelA.getValueAt(1,5)
+ " , " + modelA.getValueAt(2,5) + " , " + modelA.getValueAt(3,5) + " , " +
modelA.getValueAt(4,5) + " , "
+ modelA.getValueAt(5,5) + " , " + modelA.getValueAt(6,5) + " , " + " , "
+ modelC.getValueAt(0,1)
+ " , " + " , " + " , " + modelC.getValueAt(1,1)
+ " , " + " , " + " , " + modelC.getValueAt(2,1) + " , " + " , " + " , "
+ " , "
+ modelC.getValueAt(3,1) + " , "
+ " , " + totalMarks1 + " , " + percentage1 + " , " + attendance1.getText() + " , "
+ attendance2.getText() + " , "
+ " , "
+ promotedToClass.getText() + " , "
+ nameTeacher.getText() + " , "
+ " , "
+ name.getText() + " , "
+ classNum.getText() + ");";

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true
&& allow5Term1 == true) { //only allow connection to occur if all the data values are valid
    stmt.executeUpdate(queryBestPeriodicTest);
    stmt.executeUpdate(queryNotebook);
    stmt.executeUpdate(querySubjectEnrichment);
    stmt.executeUpdate(queryAnnualExam);
    stmt.executeUpdate(queryMarksObtained);
    stmt.executeUpdate(queryFinal);
    JOptionPane.showMessageDialog(null, "Data Successfully Entered- Term 1");
}
}

if (classNum.getText().equals("7"))
{
    //Give values to different queries (Class 7)
}

```

```

String queryBestPeriodicTest = "Insert into periodictestclass7term1 values" + "(" +
grNum.getText()
    + " , " + modelA.getValueAt(0,1) + " , " + modelA.getValueAt(1,1)
    + " , " + modelA.getValueAt(2,1) + " , " + modelA.getValueAt(3,1) + " , " +
modelA.getValueAt(4,1) +
    " , " + modelA.getValueAt(5,1) + " , " + modelA.getValueAt(6,1) + " , " +
classNumber + " , "
    + classSection + " , " + rollNumber + ");";

String queryNotebook = "Insert into notebookclass7Term1 values" + "(" + grNum.getText() + "
, " + modelA.getValueAt(0,2)
    + " , " + modelA.getValueAt(1,2)
    + " , " + modelA.getValueAt(2,2) + " , " + modelA.getValueAt(3,2) + " , " +
modelA.getValueAt(4,2)
    + " , " + modelA.getValueAt(5,2) + " , " + modelA.getValueAt(6,2) + " , " +
classNumber
    + " , " + classSection + " , " + rollNumber + ");";

String querySubjectEnrichment = "Insert into subjectEnrichmentclass7term1 values" + "(" +
grNum.getText()
    + " , " + modelA.getValueAt(0,3) + " , " + modelA.getValueAt(1,3)
    + " , " + modelA.getValueAt(2,3) + " , " + modelA.getValueAt(3,3) + " , " +
modelA.getValueAt(4,3)
    + " , " + modelA.getValueAt(5,3) + " , " + modelA.getValueAt(6,3) + " , " +
classNumber
    + " , " + classSection + " , " + rollNumber + ");";

String queryAnnualExam = "Insert into halfYearlyclass7Term1 values" + "(" + grNum.getText()
    + " , " + modelA.getValueAt(0,4) + " , " + modelA.getValueAt(1,4)
    + " , " + modelA.getValueAt(2,4) + " , " + modelA.getValueAt(3,4) + " , " +
modelA.getValueAt(4,4)
    + " , " + modelA.getValueAt(5,4) + " , " + modelA.getValueAt(6,4) + " , " +
classNumber
    + " , " + classSection + " , " + rollNumber + ");";

String queryMarksObtained = "Insert into marksObtainedclass7Term1 values" + "(" +
grNum.getText()
    + " , " + modelA.getValueAt(0,5) + " , " + modelA.getValueAt(1,5)
    + " , " + modelA.getValueAt(2,5) + " , " + modelA.getValueAt(3,5) + " , " +
modelA.getValueAt(4,5)
    + " , " + modelA.getValueAt(5,5) + " , " + modelA.getValueAt(6,5) + " , " +
classNumber +
    " , " + classSection + " , " + rollNumber + ");";

double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double)
    modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double)
modelA.getValueAt(4,5) +
    (double) modelA.getValueAt(5,5);
double percentage1 = totalMarks1 / 600 * 100;

String queryFinal = "Insert into finalclass7term1 values" + "(" + grNum.getText() + " , " +
" , "
    + class_Sect.getText() + " , " + " , " + rollNo.getText() + " , " + academic1.getText()
    + " , " + academic2.getText() + " , " + modelA.getValueAt(0,5) + " , " +
modelA.getValueAt(1,5)
    + " , " + modelA.getValueAt(2,5) + " , " + modelA.getValueAt(3,5) + " , " +
modelA.getValueAt(4,5) + " , "

```

```

        + modelA.getValueAt(5,5) + " , " + modelA.getValueAt(6,5) + " , " + " ' " +
modelC.getValueAt(0,1) + " ' "
        + " , " + " ' " + modelC.getValueAt(1,1)
        + " ' " + " , " + " ' " + modelC.getValueAt(2,1) + " ' " + " , " + " ' " +
modelC.getValueAt(3,1) + " ' "
        + " , " + totalMarks1 + " , " + percentage1 + " , " + attendance1.getText() + " , " +
attendance2.getText() + " , " +
        " ' " + promotedToClass.getText() + " ' " + " , " + " ' " + nameTeacher.getText() + " ' " + "
, " + " ' "
        + name.getText() + " ' , " + classNum.getText() + "');";
    if (allow1Term1 == true & allow2Term1 == true & allow3Term1 == true & allow4Term1 == true
&& allow5Term1 == true)
        {//only allow connection to occur if all the data values are valid
            stmt.executeUpdate(queryBestPeriodicTest);
            stmt.executeUpdate(queryNotebook);
            stmt.executeUpdate(querySubjectEnrichment);
            stmt.executeUpdate(queryAnnualExam);
            stmt.executeUpdate(queryMarksObtained);
            stmt.executeUpdate(queryFinal);
            JOptionPane.showMessageDialog(null, "Data Successfully Entered- Term 1");
        }
    }

    if (classNum.getText().equals("8")){
        //Give values to different queries (Class 8)
        String queryBestPeriodicTest = "Insert into periodictestclass7term1 values" + "(" +
grNum.getText()
        + " , " + modelA.getValueAt(0,1) + " , " + modelA.getValueAt(1,1)
        + " , " + modelA.getValueAt(2,1) + " , " + modelA.getValueAt(3,1) + " , " +
modelA.getValueAt(4,1)
        + " , " + modelA.getValueAt(5,1) + " , " + modelA.getValueAt(6,1) + " , " +
classNumber
        + " , " + classSection + " , " + rollNumber + ");";
        String queryNotebook = "Insert into notebookclass7Term1 values" + "(" + grNum.getText() + "
, " +
        modelA.getValueAt(0,2) + " , " + modelA.getValueAt(1,2)
        + " , " + modelA.getValueAt(2,2) + " , " + modelA.getValueAt(3,2) + " , " +
modelA.getValueAt(4,2)
        + " , " + modelA.getValueAt(5,2) + " , " + modelA.getValueAt(6,2) + " , " +
classNumber +
        " , " + classSection + " , " + rollNumber + ");";
        String querySubjectEnrichment = "Insert into subjectEnrichmentclass7term1 values" + "(" +
grNum.getText()
        + " , " + modelA.getValueAt(0,3) + " , " + modelA.getValueAt(1,3)
        + " , " + modelA.getValueAt(2,3) + " , " + modelA.getValueAt(3,3) + " , " +
modelA.getValueAt(4,3) +
        " , " + modelA.getValueAt(5,3) + " , " + modelA.getValueAt(6,3) + " , " +
classNumber + " , "
        + classSection + " , " + rollNumber + ");";
        String queryAnnualExam = "Insert into halfYearlyclass7Term1 values" + "(" + grNum.getText()
+ " , " +
        modelA.getValueAt(0,4) + " , " + modelA.getValueAt(1,4)
        + " , " + modelA.getValueAt(2,4) + " , " + modelA.getValueAt(3,4) + " , " +
modelA.getValueAt(4,4) +
        " , " + modelA.getValueAt(5,4) + " , " + modelA.getValueAt(6,4) + " , " +
classNumber + " , "
        + classSection + " , " + rollNumber + ");";
        String queryMarksObtained = "Insert into marksObtainedclass7Term1 values" + "(" +
grNum.getText() +

```

```
        " , " + modelA.getValueAt(0,5) + " , " + modelA.getValueAt(1,5)
        + " , " + modelA.getValueAt(2,5) + " , " + modelA.getValueAt(3,5) + " , " +
modelA.getValueAt(4,5)
        + " , " + modelA.getValueAt(5,5) + " , " + modelA.getValueAt(6,5) + " , " +
classNumber +
        "' , " + classSection + "' , " + rollNumber + ");";
    double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5)
        + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5)+ (double)
modelA.getValueAt(5,5);
    double percentage1 = totalMarks1 / 600 * 100;

    String queryFinal = "Insert into finalclass7term1 values" + "(" + grNum.getText() + " , " +
" "
+ class_Sect.getText() + " ' " + " / " + rollNo.getText() + " , " + academic1.getText()
+ " , " + academic2.getText() + " , " + modelA.getValueAt(0,5) + " , " +
modelA.getValueAt(1,5)
        + " , " + modelA.getValueAt(2,5) + " , " + modelA.getValueAt(3,5) + " , " +
modelA.getValueAt(4,5) + " ,
        + modelA.getValueAt(5,5) + " , " + modelA.getValueAt(6,5) + " , " + " ' "
+ modelC.getValueAt(0,1) + " ' "
        + " / " + " ' "
+ modelC.getValueAt(1,1)
        + " ' "
+ " / " + " ' "
+ modelC.getValueAt(2,1) + " ' "
+ " ' "
+ " ' "
+ modelC.getValueAt(3,1) + " ' "
        + " , " + totalMarks1 + " , " + percentage1 + " , " + attendance1.getText() + " , " +
attendance2.getText() + " , " +
        " ' "
+ promotedToClass.getText() + " ' "
+ " ' "
+ nameTeacher.getText() + " ' "
+ " ' "
+ " ' "
+ name.getText() + " ' , ' "
+ classNum.getText() + " ');";
    if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true
&& allow5Term1 == true) {//only allow connection to occur if all the data values are valid
        stmt.executeUpdate(queryBestPeriodicTest);
        stmt.executeUpdate(queryNotebook);
        stmt.executeUpdate(querySubjectEnrichment);
        stmt.executeUpdate(queryAnnualExam);
        stmt.executeUpdate(queryMarksObtained);
//        stmt.executeUpdate(queryGradeA);
        stmt.executeUpdate(queryFinal);
        JOptionPane.showMessageDialog(null, "Data Successfully Entered- Term 1");
    }
}
}

catch(Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
```

Continue Form:

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't be
able to return",
        "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
```

```
{  
    this.dispose();  
    new Class678ResultForm2().setVisible(true);  
}
```

Back:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
    new TestMainMenu().setVisible(true); // TODO add your handling code here:  
}
```



Classes 6, 7, 8 Result Form 2

Result Form Continued

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	Peri...	Note...	Subj...	HY E...	Mark...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Science						
Information Technol...						

Total (out of 600): Percentage:

Calculate

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

Execute

Enter Next Student

Return to Main Menu

Need To Import/Global:

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;
```

Calculate:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();

    boolean allow1Term2 = false;
    boolean allow2Term2 = false;
```

```
boolean allow3Term2 = false;
boolean allow4Term2 = false;

//Show pop-up dialog restricting the data values- Term 2
for (int i = 0; i <= 6; i++)
{
    if ((double) modelB.getValueAt(i,1) <= 10 && (double)
modelB.getValueAt(i,1) >= 0)
    {
        allow1Term2 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 10 and
Min value allowed is 0. Re-enter Data Value");
        allow1Term2 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelB.getValueAt(i,2) <= 5 && (double)
modelB.getValueAt(i,2) >= 0)
    {
        allow2Term2 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min
value allowed is 0. Re-enter Data Value");
        allow2Term2 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelB.getValueAt(i,3) <= 5 && (double)
modelB.getValueAt(i,3) >= 0)
    {
        allow3Term2 = true;
    }

    else
```

```
{  
    JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min  
value allowed is 0. Re-enter Data Value");  
    allow3Term2 = false;  
    break;  
}  
}  
  
for (int i = 0; i <= 6; i++)  
{  
    if ((double) modelB.getValueAt(i, 4) <= 80 && (double)  
modelB.getValueAt(i, 4) >= 0)  
    {  
        allow4Term2 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 80 and  
Min value allowed is 0. Re-enter Data Value");  
        allow4Term2 = false;  
        break;  
    }  
}  
  
if (allow1Term2 == true && allow2Term2 == true && allow3Term2 == true &&  
allow4Term2 == true)  
{  
    //Term2  
    double marksEnglish2 = (double) modelB.getValueAt(0, 1) + (double)  
modelB.getValueAt(0, 2) + (double) modelB.getValueAt(0, 3) + (double)  
modelB.getValueAt(0, 4);  
    double marksHindi2 = (double) modelB.getValueAt(1, 1) + (double)  
modelB.getValueAt(1, 2) + (double) modelB.getValueAt(1, 3) + (double)  
modelB.getValueAt(1, 4);  
    double marksSanskrit2 = (double) modelB.getValueAt(2, 1) + (double)  
modelB.getValueAt(2, 2) + (double) modelB.getValueAt(2, 3) + (double)  
modelB.getValueAt(2, 4);  
    double marksMathematics2 = (double) modelB.getValueAt(3, 1) + (double)  
modelB.getValueAt(3, 2) + (double) modelB.getValueAt(3, 3) + (double)  
modelB.getValueAt(3, 4);  
    double marksScience2 = (double) modelB.getValueAt(4, 1) + (double)  
modelB.getValueAt(4, 2) + (double) modelB.getValueAt(4, 3) + (double)  
modelB.getValueAt(4, 4);  
    double marksSocialStudies2 = (double) modelB.getValueAt(5, 1) + (double)  
modelB.getValueAt(5, 2) + (double) modelB.getValueAt(5, 3) + (double)  
modelB.getValueAt(5, 4);
```

```
        double marksInformationTech2 = (double) modelB.getValueAt(6,1) +
(double) modelB.getValueAt(6,2) + (double) modelB.getValueAt(6,3) + (double)
modelB.getValueAt(6,4);

        modelB.setValueAt(marksEnglish2, 0, 5);
        modelB.setValueAt(marksHindi2, 1, 5);
        modelB.setValueAt(marksSanskrit2, 2, 5);
        modelB.setValueAt(marksMathematics2, 3, 5);
        modelB.setValueAt(marksScience2, 4, 5);
        modelB.setValueAt(marksSocialStudies2, 5, 5);
        modelB.setValueAt(marksInformationTech2, 6, 5);

        double totalMarks2 = (double) modelB.getValueAt(0,5) + (double)
modelB.getValueAt(1,5) + (double) modelB.getValueAt(2,5) + (double)
modelB.getValueAt(3,5) + (double) modelB.getValueAt(4,5)+ (double)
modelB.getValueAt(5,5);
        double percentage2 = totalMarks2 / 600 * 100;

        resultOutOf5002.setText(" " + totalMarks2);
        resultPercentage2.setText(" " + percentage2 + " %");

        //Give letter grades according to percentage- Term 2
        for (int i = 0; i < 7; i++)
        {
            if ((double) modelB.getValueAt(i,5) >= 91)
            {
                modelB.setValueAt("A1", i, 6);
            }
        }

        for (int i = 0; i < 7; i++)
        {
            if ((double) modelB.getValueAt(i,5) >= 81 && (double)
modelB.getValueAt(i,5) <= 90)
            {
                modelB.setValueAt("A2", i, 6);
            }
        }

        for (int i = 0; i < 7; i++)
        {
            if ((double) modelB.getValueAt(i,5) >= 71 && (double)
modelB.getValueAt(i,5) <= 80)
            {
                modelB.setValueAt("B1", i, 6);
            }
        }
```

```
for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 61 && (double)
modelB.getValueAt(i, 5) <= 70)
    {
        modelB.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 51 && (double)
modelB.getValueAt(i, 5) <= 60)
    {
        modelB.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 41 && (double)
modelB.getValueAt(i, 5) <= 50)
    {
        modelB.setValueAt("C2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 33 && (double)
modelB.getValueAt(i, 5) <= 40)
    {
        modelB.setValueAt("D", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) <= 32)
    {
        modelB.setValueAt("E", i, 6);
    }
}
```

Enter Next Student:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    this.dispose();  
    new Class678ResultForm().setVisible(true); // TODO add your handling code  
here:  
}
```

Execute:

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    try {  
        Class.forName("java.sql.Driver");  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db", "root", "ankit"  
);  
        Statement stmt = con.createStatement();  
  
        DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();  
        DefaultTableModel modelD = (DefaultTableModel) tableD.getModel();  
  
        boolean allow1Term2 = false;  
        boolean allow2Term2 = false;  
        boolean allow3Term2 = false;  
        boolean allow4Term2 = false;  
        boolean allow5Term2 = false;  
  
        //Term 2  
        for (int i = 0; i < 6; i++)  
        {  
            if((double) modelB.getValueAt(i,1) <= 10)  
            {  
                allow1Term2 = true;  
            }  
        }  
  
        for (int i = 0; i < 6; i++)  
        {  
            if((double) modelB.getValueAt(i,2) <= 5)
```

```

        {
            allow2Term2 = true;
        }
    }

    for (int i = 0; i < 6; i++)
    {
        if((double) modelB.getValueAt(i,3) <= 5)
        {
            allow3Term2 = true;
        }
    }

    for (int i = 0; i < 6; i++)
    {
        if((double) modelB.getValueAt(i,4) <= 80)
        {
            allow4Term2 = true;
        }
    }

    for (int i = 0; i < 6; i++)
    {
        if((double) modelB.getValueAt(i,5) <= 100)
        {
            allow5Term2 = true;
        }
    }

    if (Class678ResultForm.classNumber.equals("6"))
    {
        //Give values to different queries (Class 6)
        String queryBestPeriodicTest2 = "Insert into
periodictestclass6term2 values" + "(" + Class678ResultForm.grNumber + ", " +
modelB.getValueAt(0,1) + ", " + modelB.getValueAt(1,1) +
", " + modelB.getValueAt(2,1) + ", " + modelB.getValueAt(3,1) +
", " + modelB.getValueAt(4,1) + ", " + modelB.getValueAt(5,1) + ", " +
modelB.getValueAt(6,1) + ", " + Class678ResultForm.classNumber + ", " +
Class678ResultForm.classSection + ", " + Class678ResultForm.rollNumber + ");";

        String queryNotebook2 = "Insert into notebookclass6Term2 values" +
"(" + Class678ResultForm.grNumber + ", " + modelB.getValueAt(0,2) + ", " +
modelB.getValueAt(1,2) +
", " + modelB.getValueAt(2,2) + ", " + modelB.getValueAt(3,2) +
", " + modelB.getValueAt(4,2) + ", " + modelB.getValueAt(5,2) + ", " +
modelB.getValueAt(6,2) + ", " + Class678ResultForm.classNumber + ", " +
Class678ResultForm.classSection + ", " + Class678ResultForm.rollNumber + ");";
    }
}

```

```

        String querySubjectEnrichment2 = "Insert into
subjectEnrichmentclass6term2 values" + "(" + Class678ResultForm.grNumber + " , " +
modelB.getValueAt(0,3) + " , " + modelB.getValueAt(1,3)
        + " , " + modelB.getValueAt(2,3) + " , " + modelB.getValueAt(3,3) +
" , " + modelB.getValueAt(4,3) + " , " + modelB.getValueAt(5,3) + " , " +
modelB.getValueAt(6,3) + " , " + Class678ResultForm.classNumber + " , " +
Class678ResultForm.classSection + " , " + Class678ResultForm.rollNumber + ");";

        String queryAnnualExam2 = "Insert into halfYearlyclass6Term2
values" + "(" + Class678ResultForm.grNumber + " , " + modelB.getValueAt(0,4) + " ,
" + modelB.getValueAt(1,4)
        + " , " + modelB.getValueAt(2,4) + " , " + modelB.getValueAt(3,4) +
" , " + modelB.getValueAt(4,4) + " , " + modelB.getValueAt(5,4) + " , " +
modelB.getValueAt(6,4) + " , " + Class678ResultForm.classNumber + " , " +
Class678ResultForm.classSection + " , " + Class678ResultForm.rollNumber + ");";

        String queryMarksObtained2 = "Insert into marksObtainedclass6Term2
values" + "(" + Class678ResultForm.grNumber + " , " + modelB.getValueAt(0,5) + " ,
" + modelB.getValueAt(1,5)
        + " , " + modelB.getValueAt(2,5) + " , " + modelB.getValueAt(3,5) +
" , " + modelB.getValueAt(4,5) + " , " + modelB.getValueAt(5,5) + " , " +
modelB.getValueAt(6,5) + " , " + Class678ResultForm.classNumber + " , " +
Class678ResultForm.classSection + " , " + Class678ResultForm.rollNumber + ");";

        double totalMarks2 = (double) modelB.getValueAt(0,5) + (double)
modelB.getValueAt(1,5) + (double) modelB.getValueAt(2,5) + (double)
modelB.getValueAt(3,5) + (double) modelB.getValueAt(4,5)+ (double)
modelB.getValueAt(5,5);
        double percentage2 = totalMarks2 / 600 * 100;

        String queryFinal2 = "Insert into finalclass6term2 values" + "(" +
Class678ResultForm.grNumber + " , " + " ' "
        + Class678ResultForm.classSection + " ' " + " , " +
Class678ResultForm.rollNumber + " , " + Class678ResultForm.academicValue1
        + " , " + Class678ResultForm.academicValue2 + " , " +
modelB.getValueAt(0,5) + " , " + modelB.getValueAt(1,5)
        + " , " + modelB.getValueAt(2,5) + " , " + modelB.getValueAt(3,5) +
" , " + modelB.getValueAt(4,5) + " , "
        + modelB.getValueAt(5,5) + " , " + modelB.getValueAt(6,5) + " , " +
" ' " + modelD.getValueAt(0,1) + " ' " + " , " + " ' " + modelD.getValueAt(1,1)
        + " ' " + " , " + " , " + modelD.getValueAt(2,1) + " ' " + " , " +
" ' " + modelD.getValueAt(3,1) + " ' "
        + " , " + totalMarks2 + " , " + percentage2 + " , " +
Class678ResultForm.attendanceValue1 + " , " + Class678ResultForm.attendanceValue2 +
" , "
    
```

```

        " ' " + Class678ResultForm.promotedClass + " ' " + " , " + " ' " +
Class678ResultForm.nameOfTeacher + " ' " + " , " + " ' " +
Class678ResultForm.nameValue + " ' , ' " + Class678ResultForm.classNumber + "');");
}

if (allow1Term2 == true && allow2Term2 == true && allow3Term2 ==
true && allow4Term2 == true && allow5Term2 == true)
    {//only allow connection to occur if all the data values are valid
        stmt.executeUpdate(queryBestPeriodicTest2);
        stmt.executeUpdate(queryNotebook2);
        stmt.executeUpdate(querySubjectEnrichment2);
        stmt.executeUpdate(queryAnnualExam2);
        stmt.executeUpdate(queryMarksObtained2);
        stmt.executeUpdate(queryFinal2);
        JOptionPane.showMessageDialog(null, "Data Successfully Entered-
Term 2");
    }
}

if (Class678ResultForm.classNumber.equals("7"))
{
    //Give values to different queries (Class 7)
    String queryBestPeriodicTest2 = "Insert into
periodictestclass7term2 values" + "(" + Class678ResultForm.grNumber + " , " +
modelB.getValueAt(0,1) + " , " + modelB.getValueAt(1,1)
+ " , " + modelB.getValueAt(2,1) + " , " + modelB.getValueAt(3,1) +
" , " + modelB.getValueAt(4,1) + " , " + modelB.getValueAt(5,1) + " , " +
modelB.getValueAt(6,1) + " , " + Class678ResultForm.classNumber + " , " +
Class678ResultForm.classSection + " , " + Class678ResultForm.rollNumber + ");";

    String queryNotebook2 = "Insert into notebookclass7Term2 values" +
"(" + Class678ResultForm.grNumber + " , " + modelB.getValueAt(0,2) + " , " +
modelB.getValueAt(1,2)
+ " , " + modelB.getValueAt(2,2) + " , " + modelB.getValueAt(3,2) +
" , " + modelB.getValueAt(4,2) + " , " + modelB.getValueAt(5,2) + " , " +
modelB.getValueAt(6,2) + " , " + Class678ResultForm.classNumber + " , " +
Class678ResultForm.classSection + " , " + Class678ResultForm.rollNumber + ");";

    String querySubjectEnrichment2 = "Insert into
subjectEnrichmentclass7term2 values" + "(" + Class678ResultForm.grNumber + " , " +
modelB.getValueAt(0,3) + " , " + modelB.getValueAt(1,3)
+ " , " + modelB.getValueAt(2,3) + " , " + modelB.getValueAt(3,3) +
" , " + modelB.getValueAt(4,3) + " , " + modelB.getValueAt(5,3) + " , " +
modelB.getValueAt(6,3) + " , " + Class678ResultForm.classNumber + " , " +
Class678ResultForm.classSection + " , " + Class678ResultForm.rollNumber + ");";
}

```

```

        String queryAnnualExam2 = "Insert into halfYearlyclass7Term2
values" + "(" + Class678ResultForm.grNumber + " , " + modelB.getValueAt(0,4) + " ,
" + modelB.getValueAt(1,4)
        + " , " + modelB.getValueAt(2,4) + " , " + modelB.getValueAt(3,4) +
" , " + modelB.getValueAt(4,4) + " , " + modelB.getValueAt(5,4) + " , " +
modelB.getValueAt(6,4) + " , " + Class678ResultForm.classNumber + "','" +
Class678ResultForm.classSection + "','" + Class678ResultForm.rollNumber + ");";

        String queryMarksObtained2 = "Insert into marksObtainedclass7Term2
values" + "(" + Class678ResultForm.grNumber + " , " + modelB.getValueAt(0,5) + " ,
" + modelB.getValueAt(1,5)
        + " , " + modelB.getValueAt(2,5) + " , " + modelB.getValueAt(3,5) +
" , " + modelB.getValueAt(4,5) + " , " + modelB.getValueAt(5,5) + " , " +
modelB.getValueAt(6,5) + " , " + Class678ResultForm.classNumber + "','" +
Class678ResultForm.classSection + "','" + Class678ResultForm.rollNumber + ");";

        double totalMarks2 = (double) modelB.getValueAt(0,5) + (double)
modelB.getValueAt(1,5) + (double) modelB.getValueAt(2,5) + (double)
modelB.getValueAt(3,5) + (double) modelB.getValueAt(4,5)+ (double)
modelB.getValueAt(5,5);
        double percentage2 = totalMarks2 / 600 * 100;

        String queryFinal2 = "Insert into finalclass7term2 values" + "(" +
Class678ResultForm.grNumber + " , " + " ''"
        + Class678ResultForm.classSection + " ' " + " , " +
Class678ResultForm.rollNumber + " , " + Class678ResultForm.academicValue1
        + " , " + Class678ResultForm.academicValue2 + " , " +
modelB.getValueAt(0,5) + " , " + modelB.getValueAt(1,5)
        + " , " + modelB.getValueAt(2,5) + " , " + modelB.getValueAt(3,5) +
" , " + modelB.getValueAt(4,5) + " , "
        + modelB.getValueAt(5,5) + " , " + modelB.getValueAt(6,5) + " , " +
" ' " + modelD.getValueAt(0,1) + " ' " + " , " + " ' " + modelD.getValueAt(1,1)
        + " ' " + " , " + " ' " + modelD.getValueAt(2,1) + " ' " + " , "
+ " ' " + modelD.getValueAt(3,1) + " ' "
        + " , " + totalMarks2 + " , " + percentage2 + " , " +
Class678ResultForm.attendanceValue1 + " , " + Class678ResultForm.attendanceValue2 +
" , "
        + " ' " + Class678ResultForm.promotedClass + " ' " + " , " + " ' "
+ Class678ResultForm.nameOfTeacher + " ' " + " , " + " ' "
+ Class678ResultForm.nameValue + " , " + Class678ResultForm.classNumber + " ') ;";

        if (allow1Term2 == true && allow2Term2 == true && allow3Term2 ==
true && allow4Term2 == true && allow5Term2 == true)
    {//only allow connection to occur if all the data values are valid
        stmt.executeUpdate(queryBestPeriodicTest2);
        stmt.executeUpdate(queryNotebook2);
    }

```

```

        stmt.executeUpdate(querySubjectEnrichment2);
        stmt.executeUpdate(queryAnnualExam2);
        stmt.executeUpdate(queryMarksObtained2);
        stmt.executeUpdate(queryFinal2);
        JOptionPane.showMessageDialog(null, "Data Successfully Entered-
Term 2");
    }

    if (Class678ResultForm.classNumber.equals("8"))
    {
        //Give values to different queries (Class 8)
        String queryBestPeriodicTest2 = "Insert into
periodictestclass8term2 values" + "(" + Class678ResultForm.grNumber + " , " +
modelB.getValueAt(0,1) + " , " + modelB.getValueAt(1,1)
        + " , " + modelB.getValueAt(2,1) + " , " + modelB.getValueAt(3,1) +
" , " + modelB.getValueAt(4,1) + " , " + modelB.getValueAt(5,1) + " , " +
modelB.getValueAt(6,1) + " , " + Class678ResultForm.classNumber + "' , '" +
Class678ResultForm.classSection + "' , " + Class678ResultForm.rollNumber + ") ;";

        String queryNotebook2 = "Insert into notebookclass8Term2 values" +
"(" + Class678ResultForm.grNumber + " , " + modelB.getValueAt(0,2) + " , " +
modelB.getValueAt(1,2)
        + " , " + modelB.getValueAt(2,2) + " , " + modelB.getValueAt(3,2) +
" , " + modelB.getValueAt(4,2) + " , " + modelB.getValueAt(5,2) + " , " +
modelB.getValueAt(6,2) + " , " + Class678ResultForm.classNumber + "' , '" +
Class678ResultForm.classSection + "' , " + Class678ResultForm.rollNumber + ") ;";

        String querySubjectEnrichment2 = "Insert into
subjectEnrichmentclass8term2 values" + "(" + Class678ResultForm.grNumber + " , " +
modelB.getValueAt(0,3) + " , " + modelB.getValueAt(1,3)
        + " , " + modelB.getValueAt(2,3) + " , " + modelB.getValueAt(3,3) +
" , " + modelB.getValueAt(4,3) + " , " + modelB.getValueAt(5,3) + " , " +
modelB.getValueAt(6,3) + " , " + Class678ResultForm.classNumber + "' , '" +
Class678ResultForm.classSection + "' , " + Class678ResultForm.rollNumber + ") ;";

        String queryAnnualExam2 = "Insert into halfYearlyclass8Term2
values" + "(" + Class678ResultForm.grNumber + " , " + modelB.getValueAt(0,4) + " ,
" + modelB.getValueAt(1,4)
        + " , " + modelB.getValueAt(2,4) + " , " + modelB.getValueAt(3,4) +
" , " + modelB.getValueAt(4,4) + " , " + modelB.getValueAt(5,4) + " , " +
modelB.getValueAt(6,4) + " , " + Class678ResultForm.classNumber + "' , '" +
Class678ResultForm.classSection + "' , " + Class678ResultForm.rollNumber + ") ;";

        String queryMarksObtained2 = "Insert into marksObtainedclass8Term2
values" + "(" + Class678ResultForm.grNumber + " , " + modelB.getValueAt(0,5) + " ,
" + modelB.getValueAt(1,5)

```

```

        + " , " + modelB.getValueAt(2,5) + " , " + modelB.getValueAt(3,5) +
        " , " + modelB.getValueAt(4,5) + " , " + modelB.getValueAt(5,5) + " , " +
modelB.getValueAt(6,5) + " , " + Class678ResultForm.classNumber + " , " +
Class678ResultForm.classSection + " , " + Class678ResultForm.rollNumber + ");";

        double totalMarks2 = (double) modelB.getValueAt(0,5) + (double)
modelB.getValueAt(1,5) + (double) modelB.getValueAt(2,5) + (double)
modelB.getValueAt(3,5) + (double) modelB.getValueAt(4,5)+ (double)
modelB.getValueAt(5,5);
        double percentage2 = totalMarks2 / 600 * 100;

        String queryFinal2 = "Insert into finalclass8term2 values" + "(" +
Class678ResultForm.grNumber + " , " + " ' "
+ Class678ResultForm.classSection + " ' " + " , " +
Class678ResultForm.rollNumber + " , " + Class678ResultForm.academicValue1
+ " , " + Class678ResultForm.academicValue2 + " , " +
modelB.getValueAt(0,5) + " , " + modelB.getValueAt(1,5)
+ " , " + modelB.getValueAt(2,5) + " , " + modelB.getValueAt(3,5) +
" , " + modelB.getValueAt(4,5) + " , "
+ modelB.getValueAt(5,5) + " , " + modelB.getValueAt(6,5) + " , " +
" ' " + modelD.getValueAt(0,1) + " ' " + " , " + " ' " + modelD.getValueAt(1,1)
+ " ' " + " , " + " ' " + modelD.getValueAt(2,1) + " ' " + " , "
+ " ' " + modelD.getValueAt(3,1) + " ' "
+ " , " + totalMarks2 + " , " + percentage2 + " , " +
Class678ResultForm.attendanceValue1 + " , " + Class678ResultForm.attendanceValue2 +
" , " +
" ' " + Class678ResultForm.promotedClass + " ' " + " , " + " ' "
+ Class678ResultForm.nameOfTeacher + " ' " + " , " + " ' "
+ Class678ResultForm.nameValue + " , " + Class678ResultForm.classNumber + "');";

        if (allow1Term2 == true && allow2Term2 == true && allow3Term2 ==
true && allow4Term2 == true && allow5Term2 == true)
        {//only allow connection to occur if all the data values are valid
            stmt.executeUpdate(queryBestPeriodicTest2);
            stmt.executeUpdate(queryNotebook2);
            stmt.executeUpdate(querySubjectEnrichment2);
            stmt.executeUpdate(queryAnnualExam2);
            stmt.executeUpdate(queryMarksObtained2);
            //stmt.executeUpdate(queryGradeA2);
            stmt.executeUpdate(queryFinal2);
            JOptionPane.showMessageDialog(null, "Data Successfully Entered-
Term 2");
        }
    }
    tableB.removeAll();
    tableB.removeAll();
    resultOutOf5002.setText("");
}

```

```
        resultPercentage2.setText("0");
        tableD.removeAll();
    }

    catch(Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }
    // TODO add your handling code here:
}
```

Return to Main Menu

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```



Class 6, 7, 8 Update Form

Update Form

[Back](#)

Class:

Section:

Roll Number:

[Get Original Results](#)

G.R. Number:

Name:

Attendance:

 Days / Days

Name of Class Teacher:

Academic Session:

 20 - 20

Promoted to Class (enter Number):

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	Perio...	Noteb...	Subje...	HY Ex...	Marks...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Science						
Information Technology						

Total (out of 600):

Percentage:

[Calculate](#)

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 1

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

[Update Results](#)
[Continue Form](#)

Need To Import:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class678UpdateForm extends javax.swing.JFrame {
    public static String classNumber;
    public static String classSect;
    public static int roll;
    public static String grNumber;
    public static String academicValue1;

```

```

public static String academicValue2;
public static String attendanceValue1;
public static String attendanceValue2;
public static String promotedClass;
public static String nameOfTeacher;
public static String nameValue;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

    classNumber = classNum.getText();
    classSect = class_Sect.getText();
    roll = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    //CLASS 6 UPDATE CODE

    if (classNumber.equals("6"))
    {
        //finalclass6term1
        try {
            Class.forName("java.sql.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

            Statement stmt = con.createStatement();
            //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
            SS(100), IT(100), work, art, health, discipline, final, percentage,attend1, attend2, promotedclass, name

            String query1 = "select * from finalclass6term1 where class = '" + classNumber + "' and
section = '" + classSect + "' and rollNo = " + roll + "; ";

            ResultSet rs = stmt.executeQuery(query1);

            while(rs.next())
            {
                // JOptionPane.showMessageDialog(null, "Test");
                int grNumber = rs.getInt("grno");
                int acad1 = rs.getInt("academic1");
                int acad2 = rs.getInt("academic2");
                double English100 = rs.getDouble("English");
                double Hindi100 = rs.getDouble("Hindi");
                double Sanskrit100 = rs.getDouble("Sanskrit");
                double Mathematics100 = rs.getDouble("Mathematics");
                double Science100 = rs.getDouble("Science");
                double SocialStudies100 = rs.getDouble("SocialStudies");
                double InformationTech100 = rs.getDouble("InformationTech");
                String WorkEducation100 = rs.getString("WorkEducation");

```

```
String ArtEducation100 = rs.getString("ArtEducation");
String Health_PE100 = rs.getString("Health_PE");
String Discipline = rs.getString("Discipline");
double finalMarks = rs.getDouble("final");
double percentage = rs.getDouble("percentage");
int attend1 = rs.getInt("attend1");
int attend2 = rs.getInt("attend2");
String promotedClass = rs.getString("promotedclass");
String nameSQL = rs.getString("name");
String teacher = rs.getString("classTeacher");

name.setText(nameSQL);
grNum.setText(" " + grNumber);
academic1.setText(" " + acad1);
academic2.setText(" " + acad2);
resultOutOf5001.setText(" " + finalMarks);
resultPercentage1.setText(" " + percentage);
attendance1.setText(" " + attend1);
attendance2.setText(" " + attend2);
promotedToClass.setText(promotedClass);
nameTeacher.setText(teacher);

modelA.setValueAt(English100, 0, 5);
modelA.setValueAt(Hindi100, 1, 5);
modelA.setValueAt(Sanskrit100, 2, 5);
modelA.setValueAt(Mathematics100, 3, 5);
modelA.setValueAt(Science100, 4, 5);
modelA.setValueAt(SocialStudies100, 5, 5);
modelA.setValueAt(InformationTech100, 6, 5);

modelC.setValueAt(WorkEducation100, 0, 1);
modelC.setValueAt(ArtEducation100, 1, 1);
modelC.setValueAt(Health_PE100, 2, 1);
modelC.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 91)
    {
        modelA.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 81 && (double) modelA.getValueAt(i, 5) <=
        90)
    {
        modelA.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 71 && (double) modelA.getValueAt(i, 5) <=
        80)
    {
        modelA.setValueAt("B1", i, 6);
    }
}
```

```

    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) >= 61 && (double) modelA.getValueAt(i, 5) <=
            70)
        {
            modelA.setValueAt("B2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) >= 51 && (double) modelA.getValueAt(i, 5) <=
            60)
        {
            modelA.setValueAt("C1", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) >= 41 && (double) modelA.getValueAt(i, 5) <=
            50)
        {
            modelA.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) >= 33 && (double) modelA.getValueAt(i, 5) <=
            40)
        {
            modelA.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Half yearly class 6 term 1;
try {
    Class.forName("java.sql.Driver");
}

```

```

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

Statement stmt = con.createStatement();
String query2 = "select * from Halfyearlyclass6term1 where class = '" + classNumber + "'"
and section = '" + classSect + "' and rollNo = " + roll + "; ";

ResultSet rs2 = stmt.executeQuery(query2);

while(rs2.next())
{
    double EnglishHalf1 = Double.parseDouble(rs2.getString("English"));
    double HindiHalf1 = Double.parseDouble(rs2.getString("Hindi"));
    double SanskritHalf1 = Double.parseDouble(rs2.getString("Sanskrit"));
    double MathematicsHalf1 = Double.parseDouble(rs2.getString("Mathematics"));
    double ScienceHalf1 = Double.parseDouble(rs2.getString("Science"));
    double SocialStudiesHalf1 = Double.parseDouble(rs2.getString("SocialStudies"));
    double InformationTechHalf1 = Double.parseDouble(rs2.getString("InformationTech"));

    modelA.setValueAt(EnglishHalf1, 0, 4);
    modelA.setValueAt(HindiHalf1, 1, 4);
    modelA.setValueAt(SanskritHalf1, 2, 4);
    modelA.setValueAt(MathematicsHalf1, 3, 4);
    modelA.setValueAt(ScienceHalf1, 4, 4);
    modelA.setValueAt(SocialStudiesHalf1, 5, 4);
    modelA.setValueAt(InformationTechHalf1, 6, 4);
}

rs2.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass6Term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from SubjectEnrichmentClass6Term1 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " +
rollNo.getText() + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich1 = Double.parseDouble(rs3.getString("English"));
        double HindiEnrich1 = Double.parseDouble(rs3.getString("Hindi"));
        double SanskritEnrich1 = Double.parseDouble(rs3.getString("Sanskrit"));
        double MathematicsEnrich1 = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich1 = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich1 = Double.parseDouble(rs3.getString("SocialStudies"));
    }
}

```

```

        double InformationTechEnrich1 = Double.parseDouble(
            rs3.getString("InformationTech"));

        modelA.setValueAt(EnglishEnrich1, 0, 3);
        modelA.setValueAt(HindiEnrich1, 1, 3);
        modelA.setValueAt(SanskritEnrich1, 2, 3);
        modelA.setValueAt(MathematicsEnrich1, 3, 3);
        modelA.setValueAt(ScienceEnrich1, 4, 3);
        modelA.setValueAt(SocialStudiesEnrich1, 5, 3);
        modelA.setValueAt(InformationTechEnrich1, 6, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Notebookclass6term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
        "root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from Notebookclass6term1 where class = '" + classNumber + "'"
        and section = '" + classSect + "' and roll = " + roll + "; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double EnglishNB1 = Double.parseDouble(rs4.getString("English"));
        double HindiNB1 = Double.parseDouble(rs4.getString("Hindi"));
        double SanskritNB1 = Double.parseDouble(rs4.getString("Sanskrit"));
        double MathematicsNB1 = Double.parseDouble(rs4.getString("Mathematics"));
        double ScienceNB1 = Double.parseDouble(rs4.getString("Science"));
        double SocialStudiesNB1 = Double.parseDouble(rs4.getString("SocialStudies"));
        double InformationTechNB1 = Double.parseDouble(rs4.getString("InformationTech"));

        modelA.setValueAt(EnglishNB1, 0, 2);
        modelA.setValueAt(HindiNB1, 1, 2);
        modelA.setValueAt(SanskritNB1, 2, 2);
        modelA.setValueAt(MathematicsNB1, 3, 2);
        modelA.setValueAt(ScienceNB1, 4, 2);
        modelA.setValueAt(SocialStudiesNB1, 5, 2);
        modelA.setValueAt(InformationTechNB1, 6, 2);
    }
    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

```

```

//PeriodicTestClass6term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
    "root", "ankit");

    Statement stmt = con.createStatement();
    String query5 = "select * from PeriodicTestClass6term1 where class = '" +
    classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " +
    rollNo.getText() + "; ";

    ResultSet rs5 = stmt.executeQuery(query5);

    while(rs5.next())
    {
        double EnglishBest1 = Double.parseDouble(rs5.getString("English"));
        double HindiBest1 = Double.parseDouble(rs5.getString("Hindi"));
        double SanskritBest1 = Double.parseDouble(rs5.getString("Sanskrit"));
        double MathematicsBest1 = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest1 = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest1 = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest1 = Double.parseDouble(rs5.getString("InformationTech"));

        modelA.setValueAt(EnglishBest1, 0, 1);
        modelA.setValueAt(HindiBest1, 1, 1);
        modelA.setValueAt(SanskritBest1, 2, 1);
        modelA.setValueAt(MathematicsBest1, 3, 1);
        modelA.setValueAt(ScienceBest1, 4, 1);
        modelA.setValueAt(SocialStudiesBest1, 5, 1);
        modelA.setValueAt(InformationTechBest1, 6, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}
catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}

```

```

//CLASS 7 UPDATE CODE

if (classNumber.equals("7"))
{
    //finalclass7term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
        "root", "ankit");

        Statement stmt = con.createStatement();

```

```

//Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name

String query1 = "select * from finalclass7term1 where class = '" + classNumber + "' and
section = '" + classSect + "' and rollNo = " + roll + "; ";

ResultSet rs = stmt.executeQuery(query1);

while(rs.next())
{
    // JOptionPane.showMessageDialog(null, "Test");
    int grNumber = rs.getInt("grno");
    int acad1 = rs.getInt("academic1");
    int acad2 = rs.getInt("academic2");
    double English100 = rs.getDouble("English");
    double Hindi100 = rs.getDouble("Hindi");
    double Sanskrit100 = rs.getDouble("Sanskrit");
    double Mathematics100 = rs.getDouble("Mathematics");
    double Science100 = rs.getDouble("Science");
    double SocialStudies100 = rs.getDouble("SocialStudies");
    double InformationTech100 = rs.getDouble("InformationTech");
    String WorkEducation100 = rs.getString("WorkEducation");
    String ArtEducation100 = rs.getString("ArtEducation");
    String Health_PE100 = rs.getString("Health_PE");
    String Discipline = rs.getString("Discipline");
    double finalMarks = rs.getDouble("final");
    double percentage = rs.getDouble("percentage");
    int attend1 = rs.getInt("attend1");
    int attend2 = rs.getInt("attend2");
    String promotedClass = rs.getString("promotedclass");
    String nameSQL = rs.getString("name");
    String teacher = rs.getString("classTeacher");

    name.setText(nameSQL);
    grNum.setText(" " + grNumber);
    academic1.setText(" " + acad1);
    academic2.setText(" " + acad2);
    resultOutOf5001.setText(" " + finalMarks);
    resultPercentage1.setText(" " + percentage);
    attendance1.setText(" " + attend1);
    attendance2.setText(" " + attend2);
    promotedToClass.setText(promotedClass);
    nameTeacher.setText(teacher);

    modelA.setValueAt(English100, 0, 5);
    modelA.setValueAt(Hindi100, 1, 5);
    modelA.setValueAt(Sanskrit100, 2, 5);
    modelA.setValueAt(Mathematics100, 3, 5);
    modelA.setValueAt(Science100, 4, 5);
    modelA.setValueAt(SocialStudies100, 5, 5);
    modelA.setValueAt(InformationTech100, 6, 5);

    modelC.setValueAt(WorkEducation100, 0, 1);
    modelC.setValueAt(ArtEducation100, 1, 1);
    modelC.setValueAt(Health_PE100, 2, 1);
    modelC.setValueAt(Discipline, 3, 1);

    for (int i = 0; i < 7; i++)
    {
}

```

```
if ((double) modelA.getValueAt(i,5) >= 91)
{
    modelA.setValueAt("A1", i, 6);
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 81 && (double) modelA.getValueAt(i,5) <=
90)
    {
        modelA.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 71 && (double) modelA.getValueAt(i,5) <=
80)
    {
        modelA.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 61 && (double) modelA.getValueAt(i,5) <=
70)
    {
        modelA.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 51 && (double) modelA.getValueAt(i,5) <=
60)
    {
        modelA.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 41 && (double) modelA.getValueAt(i,5) <=
50)
    {
        modelA.setValueAt("C2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 33 && (double) modelA.getValueAt(i,5) <=
40)
    {
        modelA.setValueAt("D", i, 6);
    }
}
```

```

        for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }
}

rs.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Half yearly class7 term1;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from Halfyearlyclass7term1 where class = '" + classNumber + "'"
and section = '" + classSect + "' and rollNo = " + roll + ";";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishHalf1 = Double.parseDouble(rs2.getString("English"));
        double HindiHalf1 = Double.parseDouble(rs2.getString("Hindi"));
        double SanskritHalf1 = Double.parseDouble(rs2.getString("Sanskrit"));
        double MathematicsHalf1 = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceHalf1 = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesHalf1 = Double.parseDouble(rs2.getString("SocialStudies"));
        double InformationTechHalf1 = Double.parseDouble(rs2.getString("InformationTech"));

        modelA.setValueAt(EnglishHalf1, 0, 4);
        modelA.setValueAt(HindiHalf1, 1, 4);
        modelA.setValueAt(SanskritHalf1, 2, 4);
        modelA.setValueAt(MathematicsHalf1, 3, 4);
        modelA.setValueAt(ScienceHalf1, 4, 4);
        modelA.setValueAt(SocialStudiesHalf1, 5, 4);
        modelA.setValueAt(InformationTechHalf1, 6 , 4);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

```

```

//SubjectEnrichmentClass7Term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from SubjectEnrichmentClass7Term1 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich1 = Double.parseDouble(rs3.getString("English"));
        double HindiEnrich1 = Double.parseDouble(rs3.getString("Hindi"));
        double SanskritEnrich1 = Double.parseDouble(rs3.getString("Sanskrit"));
        double MathematicsEnrich1 = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich1 = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich1 = Double.parseDouble(rs3.getString("SocialStudies"));
        double InformationTechEnrich1 =
Double.parseDouble(rs3.getString("InformationTech"));

        modelA.setValueAt(EnglishEnrich1, 0, 3);
        modelA.setValueAt(HindiEnrich1, 1, 3);
        modelA.setValueAt(SanskritEnrich1, 2, 3);
        modelA.setValueAt(MathematicsEnrich1, 3, 3);
        modelA.setValueAt(ScienceEnrich1, 4, 3);
        modelA.setValueAt(SocialStudiesEnrich1, 5, 3);
        modelA.setValueAt(InformationTechEnrich1, 6, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}
catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Notebookclass7term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from Notebookclass7Term1 where class = '" + classNumber + "' and section = '" + classSect + "' and roll = " + roll + "; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double EnglishNB1 = Double.parseDouble(rs4.getString("English"));
        double HindiNB1 = Double.parseDouble(rs4.getString("Hindi"));
    }
}

```

```

        double SanskritNB1 = Double.parseDouble(rs4.getString("Sanskrit"));
        double MathematicsNB1 = Double.parseDouble(rs4.getString("Mathematics"));
        double ScienceNB1 = Double.parseDouble(rs4.getString("Science"));
        double SocialStudiesNB1 = Double.parseDouble(rs4.getString("SocialStudies"));
        double InformationTechNB1 = Double.parseDouble(rs4.getString("InformationTech"));

        modelA.setValueAt(EnglishNB1, 0, 2);
        modelA.setValueAt(HindiNB1, 1, 2);
        modelA.setValueAt(SanskritNB1, 2, 2);
        modelA.setValueAt(MathematicsNB1, 3, 2);
        modelA.setValueAt(ScienceNB1, 4, 2);
        modelA.setValueAt(SocialStudiesNB1, 5, 2);
        modelA.setValueAt(InformationTechNB1, 6, 2);
    }
    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//PeriodicTestClass7term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query5 = "select * from PeriodicTestClass7term1 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

    ResultSet rs5 = stmt.executeQuery(query5);

    while(rs5.next())
    {
        double EnglishBest1 = Double.parseDouble(rs5.getString("English"));
        double HindiBest1 = Double.parseDouble(rs5.getString("Hindi"));
        double SanskritBest1 = Double.parseDouble(rs5.getString("Sanskrit"));
        double MathematicsBest1 = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest1 = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest1 = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest1 = Double.parseDouble(rs5.getString("InformationTech"));

        modelA.setValueAt(EnglishBest1, 0, 1);
        modelA.setValueAt(HindiBest1, 1, 1);
        modelA.setValueAt(SanskritBest1, 2, 1);
        modelA.setValueAt(MathematicsBest1, 3, 1);
        modelA.setValueAt(ScienceBest1, 4, 1);
        modelA.setValueAt(SocialStudiesBest1, 5, 1);
        modelA.setValueAt(InformationTechBest1, 6, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}

```

```

        catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }
    }

//CLASS 8 UPDATE CODE

if (classNumber.equals("8"))
{
    //finalclass8term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        String query1 = "select * from finalclass8term1 where class = '" + classNumber + "' and
section = '" + classSect + "' and rollNo = " + roll + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            //JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            int acad1 = rs.getInt("academic1");
            int acad2 = rs.getInt("academic2");
            double English100 = rs.getDouble("English");
            double Hindi100 = rs.getDouble("Hindi");
            double Sanskrit100 = rs.getDouble("Sanskrit");
            double Mathematics100 = rs.getDouble("Mathematics");
            double Science100 = rs.getDouble("Science");
            double SocialStudies100 = rs.getDouble("SocialStudies");
            double InformationTech100 = rs.getDouble("InformationTech");
            String WorkEducation100 = rs.getString("WorkEducation");
            String ArtEducation100 = rs.getString("ArtEducation");
            String Health_PE100 = rs.getString("Health_PE");
            String Discipline = rs.getString("Discipline");
            double finalMarks = rs.getDouble("final");
            double percentage = rs.getDouble("percentage");
            int attend1 = rs.getInt("attend1");
            int attend2 = rs.getInt("attend2");
            String promotedClass = rs.getString("promotedclass");
            String nameSQL = rs.getString("name");
            String teacher = rs.getString("classTeacher");

            name.setText(nameSQL);
            grNum.setText(" " + grNumber);
            academic1.setText(" " + acad1);
            academic2.setText(" " + acad2);
            resultOutOf5001.setText(" " + finalMarks);
            resultPercentagel.setText(" " + percentage);
        }
    }
}

```

```
attendance1.setText(" " + attend1);
attendance2.setText(" " + attend2);
promotedToClass.setText(promotedClass);
nameTeacher.setText(teacher);

modelA.setValueAt(English100, 0, 5);
modelA.setValueAt(Hindi100, 1, 5);
modelA.setValueAt(Sanskrit100, 2, 5);
modelA.setValueAt(Mathematics100, 3, 5);
modelA.setValueAt(Science100, 4, 5);
modelA.setValueAt(SocialStudies100, 5, 5);
modelA.setValueAt(InformationTech100, 6, 5);

modelC.setValueAt(WorkEducation100, 0, 1);
modelC.setValueAt(ArtEducation100, 1, 1);
modelC.setValueAt(Health_PE100, 2, 1);
modelC.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 91)
    {
        modelA.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 81 && (double) modelA.getValueAt(i, 5) <=
90)
    {
        modelA.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 71 && (double) modelA.getValueAt(i, 5) <=
80)
    {
        modelA.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 61 && (double) modelA.getValueAt(i, 5) <=
70)
    {
        modelA.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 51 && (double) modelA.getValueAt(i, 5) <=
60)
    {
        modelA.setValueAt("C1", i, 6);
    }
}
```

```

        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) >= 41 && (double) modelA.getValueAt(i, 5) <=
50)
        {
            modelA.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) >= 33 && (double) modelA.getValueAt(i, 5) <=
40)
        {
            modelA.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i, 5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e)
{
    JOptionPane.showMessageDialog(null, e);
}

//Halfyearlyclass8term1;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from Halfyearlyclass8term1 where class = '" + classNumber + "'"
and section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishHalf1 = Double.parseDouble(rs2.getString("English"));
        double HindiHalf1 = Double.parseDouble(rs2.getString("Hindi"));
        double SanskritHalf1 = Double.parseDouble(rs2.getString("Sanskrit"));
        double MathematicsHalf1 = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceHalf1 = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesHalf1 = Double.parseDouble(rs2.getString("SocialStudies"));
    }
}

```

```

        double InformationTechHalf1 = Double.parseDouble(rs2.getString("InformationTech"));

        modelA.setValueAt(EnglishHalf1, 0, 4);
        modelA.setValueAt(HindiHalf1, 1, 4);
        modelA.setValueAt(SanskritHalf1, 2, 4);
        modelA.setValueAt(MathematicsHalf1, 3, 4);
        modelA.setValueAt(ScienceHalf1, 4, 4);
        modelA.setValueAt(SocialStudiesHalf1, 5, 4);
        modelA.setValueAt(InformationTechHalf1, 6, 4);
    }

    rs2.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass8Term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from SubjectEnrichmentClass8Term1 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich1 = Double.parseDouble(rs3.getString("English"));
        double HindiEnrich1 = Double.parseDouble(rs3.getString("Hindi"));
        double SanskritEnrich1 = Double.parseDouble(rs3.getString("Sanskrit"));
        double MathematicsEnrich1 = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich1 = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich1 = Double.parseDouble(rs3.getString("SocialStudies"));
        double InformationTechEnrich1 =
Double.parseDouble(rs3.getString("InformationTech"));

        modelA.setValueAt(EnglishEnrich1, 0, 3);
        modelA.setValueAt(HindiEnrich1, 1, 3);
        modelA.setValueAt(SanskritEnrich1, 2, 3);
        modelA.setValueAt(MathematicsEnrich1, 3, 3);
        modelA.setValueAt(ScienceEnrich1, 4, 3);
        modelA.setValueAt(SocialStudiesEnrich1, 5, 3);
        modelA.setValueAt(InformationTechEnrich1, 6, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

```

```

        catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }

        //Notebookclass8term1
        try {
            Class.forName("java.sql.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

            Statement stmt = con.createStatement();
            String query4 = "select * from Notebookclass8term1 where class = '" + classNumber + "'"
and section = '" + classSect + "' and roll = " + roll + "; ";

            ResultSet rs4 = stmt.executeQuery(query4);

            while(rs4.next())
            {
                double EnglishNB1 = Double.parseDouble(rs4.getString("English"));
                double HindiNB1 = Double.parseDouble(rs4.getString("Hindi"));
                double SanskritNB1 = Double.parseDouble(rs4.getString("Sanskrit"));
                double MathematicsNB1 = Double.parseDouble(rs4.getString("Mathematics"));
                double ScienceNB1 = Double.parseDouble(rs4.getString("Science"));
                double SocialStudiesNB1 = Double.parseDouble(rs4.getString("SocialStudies"));
                double InformationTechNB1 = Double.parseDouble(rs4.getString("InformationTech"));

                modelA.setValueAt(EnglishNB1, 0, 2);
                modelA.setValueAt(HindiNB1, 1, 2);
                modelA.setValueAt(SanskritNB1, 2, 2);
                modelA.setValueAt(MathematicsNB1, 3, 2);
                modelA.setValueAt(ScienceNB1, 4, 2);
                modelA.setValueAt(SocialStudiesNB1, 5, 2);
                modelA.setValueAt(InformationTechNB1, 6, 2);
            }
            rs4.close();
            stmt.close();
            con.close();
        }

        catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }

        //PeriodicTestClass8term1
        try {
            Class.forName("java.sql.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

            Statement stmt = con.createStatement();
            String query5 = "select * from PeriodicTestClass8term1 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

            ResultSet rs5 = stmt.executeQuery(query5);

            while(rs5.next())
            {
                double EnglishBest1 = Double.parseDouble(rs5.getString("English"));

```

```

        double HindiBest1 = Double.parseDouble(rs5.getString("Hindi"));
        double SanskritBest1 = Double.parseDouble(rs5.getString("Sanskrit"));
        double MathematicsBest1 = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest1 = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest1 = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest1 = Double.parseDouble(rs5.getString("InformationTech"));

        modelA.setValueAt(EnglishBest1, 0, 1);
        modelA.setValueAt(HindiBest1, 1, 1);
        modelA.setValueAt(SanskritBest1, 2, 1);
        modelA.setValueAt(MathematicsBest1, 3, 1);
        modelA.setValueAt(ScienceBest1, 4, 1);
        modelA.setValueAt(SocialStudiesBest1, 5, 1);
        modelA.setValueAt(InformationTechBest1, 6, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    grNumber = grNum.getText();
    classSect = class_Sect.getText();
    roll = Integer.parseInt(rollNo.getText());
    academicValue1 = academic1.getText();
    academicValue2 = academic2.getText();
    attendanceValue1 = attendance1.getText();
    attendanceValue2 = attendance2.getText();
    promotedClass = promotedToClass.getText();
    nameOfTeacher = nameTeacher.getText();
    nameValue = name.getText();
    classNumber = classNum.getText();

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 10 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }
    }
}

```

```
        else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 10 and Min value allowed is 0.
Re-enter Data Value");
        allow1Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 5 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 5 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i= 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 80 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 80 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
```

```

        double marksEnglish1 = (double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(0,2) +
(double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
        double marksHindi1 = (double) modelA.getValueAt(1,1) + (double) modelA.getValueAt(1,2) +
(double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
        double marksSanskrit1 = (double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(2,2) +
(double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
        double marksMathematics1 = (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(3,2) +
(double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
        double marksScience1 = (double) modelA.getValueAt(4,1) + (double) modelA.getValueAt(4,2) +
(double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
        double marksSocialStudies1 = (double) modelA.getValueAt(5,1) + (double)
modelA.getValueAt(5,2) + (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);
        double marksInformationTech1 = (double) modelA.getValueAt(6,1) + (double)
modelA.getValueAt(6,2) + (double) modelA.getValueAt(6,3) + (double) modelA.getValueAt(6,4);

        modelA.setValueAt(marksEnglish1, 0, 5);
        modelA.setValueAt(marksHindi1, 1, 5);
        modelA.setValueAt(marksSanskrit1, 2, 5);
        modelA.setValueAt(marksMathematics1, 3, 5);
        modelA.setValueAt(marksScience1, 4, 5);
        modelA.setValueAt(marksSocialStudies1, 5, 5);
        modelA.setValueAt(marksInformationTech1, 6, 5);

        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
        double percentage1 = totalMarks1 / 600 * 100;

        resultOutOf5001.setText(" " + totalMarks1);
        resultPercentage1.setText(" " + percentage1 + " %");

        for (int i = 0; i < 7; i++)
        {
            if ((double) modelA.getValueAt(i,5) >= 91)
            {
                modelA.setValueAt("A1", i, 6);
            }
        }

        for (int i = 0; i < 7; i++)
        {
            if ((double) modelA.getValueAt(i,5) >= 81 && (double) modelA.getValueAt(i,5) <= 90)
            {
                modelA.setValueAt("A2", i, 6);
            }
        }

        for (int i = 0; i < 7; i++)
        {
            if ((double) modelA.getValueAt(i,5) >= 71 && (double) modelA.getValueAt(i,5) <= 80)
            {
                modelA.setValueAt("B1", i, 6);
            }
        }

        for (int i = 0; i < 7; i++)
        {
            if ((double) modelA.getValueAt(i,5) >= 61 && (double) modelA.getValueAt(i,5) <= 70)
            {

```

```

        modelA.setValueAt("B2", i, 6);
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 51 && (double) modelA.getValueAt(i,5) <= 60)
        {
            modelA.setValueAt("C1", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 41 && (double) modelA.getValueAt(i,5) <= 50)
        {
            modelA.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 33 && (double) modelA.getValueAt(i,5) <= 40)
        {
            modelA.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }
}
}

```

W E L S P U N

Update Results

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    classNumber = classNum.getText();
    classSect = class_Sect.getText();
    roll = Integer.parseInt(rollNo.getText());

    try {
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db", "root", "ankit");
        Statement stmt = con.createStatement();

        DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
        DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

        boolean allow1Term1 = false;
        boolean allow2Term1 = false;
        boolean allow3Term1 = false;
        boolean allow4Term1 = false;
        boolean allow5Term1 = false;
    }
}

```

```

//Term 1
for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,1) <= 10)
    {
        allow1Term1 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,2) <= 5)
    {
        allow2Term1 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,3) <= 5)
    {
        allow3Term1 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,4) <= 80)
    {
        allow4Term1 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,5) <= 100)
    {
        allow5Term1 = true;
    }
}

if (classNum.getText().equals("6"))
{
    String queryBestPeriodicTest = "update periodictestclass6term1 set English = " +
modelA.getValueAt(0,1) + ", Hindi = " + modelA.getValueAt(1,1) +
        + ", Sanskrit = " + modelA.getValueAt(2,1) + ", Mathematics = " + modelA.getValueAt(3,1) +
        + ", Science = " + modelA.getValueAt(4,1) + ", SocialStudies = " + modelA.getValueAt(5,1) +
        + ", InformationTech = " + modelA.getValueAt(6,1) + " where class = '" + classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

    String queryNotebook = "update notebookclass6Term1 set English = " +
modelA.getValueAt(0,2) + ", Hindi = " + modelA.getValueAt(1,2) +
        + ", Sanskrit = " + modelA.getValueAt(2,2) + ", Mathematics = " + modelA.getValueAt(3,2) +
        + ", Science = " + modelA.getValueAt(4,2) +
        + ", SocialStudies = " + modelA.getValueAt(5,2) + ", InformationTech = " +
modelA.getValueAt(6,2) + " where class = '" + classNumber + "' and section = '" + classSect + "' and roll = '" + roll + "' ;";
}

```

```

        String querySubjectEnrichment = "update subjectEnrichmentclass6term1 set English = " +
modelA.getValueAt(0,3) + ", Hindi = " + modelA.getValueAt(1,3)
+ ", Sanskrit = " + modelA.getValueAt(2,3) + ", Mathematics = " + modelA.getValueAt(3,3)
+ ", Science = " + modelA.getValueAt(4,3)
+ ", SocialStudies = " + modelA.getValueAt(5,3) + ", InformationTech = " +
modelA.getValueAt(6,3) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

        String queryAnnualExam = "update halfyearlyclass6term1 set English = " +
modelA.getValueAt(0,4) + ", Hindi = " + modelA.getValueAt(1,4)
+ ", Sanskrit = " + modelA.getValueAt(2,4) + ", Mathematics = " + modelA.getValueAt(3,4)
+ ", Science = " + modelA.getValueAt(4,4)
+ ", SocialStudies = " + modelA.getValueAt(5,4) + ", InformationTech = " +
modelA.getValueAt(6,4) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

        String queryMarksObtained = "update marksobtainedclass6term1 set English = " +
modelA.getValueAt(0,5) + ", Hindi = " + modelA.getValueAt(1,5)
+ ", Sanskrit = " + modelA.getValueAt(2,5) + ", Mathematics = " + modelA.getValueAt(3,5)
+ ", Science = " + modelA.getValueAt(4,5)
+ ", SocialStudies = " + modelA.getValueAt(5,5) + ", InformationTech = " +
modelA.getValueAt(6,5) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
        double percentage1 = totalMarks1 / 600 * 100;

        String queryFinal = "update finalclass6term1 set Section = '" + class_Sect.getText() +
"', rollno = " + rollNo.getText() + ", academic1 = " + academic1.getText()
+ ", academic2 = " + academic2.getText() + ", English = " + modelA.getValueAt(0,5) + ",
Hindi = " + modelA.getValueAt(1,5)
+ ", Sanskrit = " + modelA.getValueAt(2,5) + ", Mathematics = " + modelA.getValueAt(3,5)
+ ", Science = " + modelA.getValueAt(4,5) + ", SocialStudies = " + modelA.getValueAt(5,5)
+ ", InformationTech = " + modelA.getValueAt(6,5) + ", WorkEducation = " +
modelC.getValueAt(0,1) + ", ArtEducation = " + modelC.getValueAt(1,1)
+ ", Health_PE = " + modelC.getValueAt(2,1) + ", Discipline = " +
modelC.getValueAt(3,1) + ", final = " + totalMarks1
+ ", percentage = " + percentage1 + ", attend1 = " + attendance1.getText() + ", attend2 =
" + attendance2.getText() + ", promotedClass = " +
promotedToClass.getText() + ", classTeacher = " + nameTeacher.getText() + ", name =
" + name.getText() + "' where class = '" + classNumber
+ "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

        if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 ==
true && allow5Term1 == true)
        {//only allow connection to occur if all the data values are valid
            stmt.executeUpdate(queryBestPeriodicTest);
            stmt.executeUpdate(queryNotebook);
            stmt.executeUpdate(querySubjectEnrichment);
            stmt.executeUpdate(queryAnnualExam);
            stmt.executeUpdate(queryMarksObtained);
            stmt.executeUpdate(queryFinal);
            JOptionPane.showMessageDialog(null, "Data Successfully Updated- Term 1");
        }
    }
}

```

```

if (classNum.getText().equals("7"))
{
    String queryBestPeriodicTest = "update periodictestclass7term1 set English = " +
modelA.getValueAt(0,1) + ", Hindi = " + modelA.getValueAt(1,1)
        + ", Sanskrit = " + modelA.getValueAt(2,1) + ", Mathematics = " + modelA.getValueAt(3,1)
+ ", Science = " + modelA.getValueAt(4,1) + ", SocialStudies = " + modelA.getValueAt(5,1) +
        ", InformationTech = " + modelA.getValueAt(6,1) + " where class = '" + classNumber + "'"
and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

    String queryNotebook = "update notebookclass7Term1 set English = " +
modelA.getValueAt(0,2) + ", Hindi = " + modelA.getValueAt(1,2)
        + ", Sanskrit = " + modelA.getValueAt(2,2) + ", Mathematics = " + modelA.getValueAt(3,2)
+ ", Science = " + modelA.getValueAt(4,2)
        + ", SocialStudies = " + modelA.getValueAt(5,2) + ", InformationTech = " +
modelA.getValueAt(6,2) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
roll = '" + roll + "' ;";

    String querySubjectEnrichment = "update subjectEnrichmentclass7term1 set English = " +
modelA.getValueAt(0,3) + ", Hindi = " + modelA.getValueAt(1,3)
        + ", Sanskrit = " + modelA.getValueAt(2,3) + ", Mathematics = " + modelA.getValueAt(3,3)
+ ", Science = " + modelA.getValueAt(4,3)
        + ", SocialStudies = " + modelA.getValueAt(5,3) + ", InformationTech = " +
modelA.getValueAt(6,3) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

    String queryAnnualExam = "update halfyearlyclass7term1 set English = " +
modelA.getValueAt(0,4) + ", Hindi = " + modelA.getValueAt(1,4)
        + ", Sanskrit = " + modelA.getValueAt(2,4) + ", Mathematics = " + modelA.getValueAt(3,4)
+ ", Science = " + modelA.getValueAt(4,4)
        + ", SocialStudies = " + modelA.getValueAt(5,4) + ", InformationTech = " +
modelA.getValueAt(6,4) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

    String queryMarksObtained = "update marksobtainedclass7term1 set English = " +
modelA.getValueAt(0,5) + ", Hindi = " + modelA.getValueAt(1,5)
        + ", Sanskrit = " + modelA.getValueAt(2,5) + ", Mathematics = " + modelA.getValueAt(3,5)
+ ", Science = " + modelA.getValueAt(4,5)
        + ", SocialStudies = " + modelA.getValueAt(5,5) + ", InformationTech = " +
modelA.getValueAt(6,5) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";
        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
        double percentage1 = totalMarks1 / 600 * 100;

    String queryFinal = "update finalclass7term1 set Section = '" + class_Sect.getText() +
"', rollno = " + rollNo.getText() + ", academic1 = " + academic1.getText()
        + ", academic2 = " + academic2.getText() + ", English = " + modelA.getValueAt(0,5) + ",
Hindi = " + modelA.getValueAt(1,5)
        + ", Sanskrit = " + modelA.getValueAt(2,5) + ", Mathematics = " + modelA.getValueAt(3,5)
+ ", Science = " + modelA.getValueAt(4,5) + ", SocialStudies = " + modelA.getValueAt(5,5)
        + ", InformationTech = " + modelA.getValueAt(6,5) + ", WorkEducation = '" +
modelC.getValueAt(0,1) + "', ArtEducation = '" + modelC.getValueAt(1,1)
        + "', Health_PE = '" + modelC.getValueAt(2,1) + "', Discipline = '" +
modelC.getValueAt(3,1) + "', final = " + totalMarks1
        + ", percentage = " + percentage1 + ", attend1 = " + attendance1.getText() + ", attend2 =
" + attendance2.getText() + ", promotedClass = '" +

```

```

        promotedToClass.getText() + "", classTeacher = '' + nameTeacher.getText() + "", name =
        "" + name.getText() + " where class = '" + classNumber
        + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

        if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 ==
        true && allow5Term1 == true)
            {//only allow connection to occur if all the data values are valid
                stmt.executeUpdate(queryBestPeriodicTest);
                stmt.executeUpdate(queryNotebook);
                stmt.executeUpdate(querySubjectEnrichment);
                stmt.executeUpdate(queryAnnualExam);
                stmt.executeUpdate(queryMarksObtained);
                stmt.executeUpdate(queryFinal);
                JOptionPane.showMessageDialog(null, "Data Succesfully Updated- Term 1");
            }
        }

        if (classNum.getText().equals("8"))
        {
            String queryBestPeriodicTest = "update periodictestclass8term1 set English = " +
modelA.getValueAt(0,1) + ", Hindi = " + modelA.getValueAt(1,1)
+ ", Sanskrit = " + modelA.getValueAt(2,1) + ", Mathematics = " + modelA.getValueAt(3,1)
+ ", Science = " + modelA.getValueAt(4,1) + ", SocialStudies = " + modelA.getValueAt(5,1) +
", InformationTech = " + modelA.getValueAt(6,1) + " where class = '" + classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

            String queryNotebook = "update notebookclass8Term1 set English = " +
modelA.getValueAt(0,2) + ", Hindi = " + modelA.getValueAt(1,2)
+ ", Sanskrit = " + modelA.getValueAt(2,2) + ", Mathematics = " + modelA.getValueAt(3,2)
+ ", Science = " + modelA.getValueAt(4,2)
+ ", SocialStudies = " + modelA.getValueAt(5,2) + ", InformationTech = " +
modelA.getValueAt(6,2) + " where class = '" + classNumber + "' and section = '" + classSect + "' and roll = '" + roll + "' ;";

            String querySubjectEnrichment = "update subjectEnrichmentclass8term1 set English = " +
modelA.getValueAt(0,3) + ", Hindi = " + modelA.getValueAt(1,3)
+ ", Sanskrit = " + modelA.getValueAt(2,3) + ", Mathematics = " + modelA.getValueAt(3,3)
+ ", Science = " + modelA.getValueAt(4,3)
+ ", SocialStudies = " + modelA.getValueAt(5,3) + ", InformationTech = " +
modelA.getValueAt(6,3) + " where class = '" + classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

            String queryAnnualExam = "update halfyearlyclass8term1 set English = " +
modelA.getValueAt(0,4) + ", Hindi = " + modelA.getValueAt(1,4)
+ ", Sanskrit = " + modelA.getValueAt(2,4) + ", Mathematics = " + modelA.getValueAt(3,4)
+ ", Science = " + modelA.getValueAt(4,4)
+ ", SocialStudies = " + modelA.getValueAt(5,4) + ", InformationTech = " +
modelA.getValueAt(6,4) + " where class = '" + classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

            String queryMarksObtained = "update marksobtainedclass8term1 set English = " +
modelA.getValueAt(0,5) + ", Hindi = " + modelA.getValueAt(1,5)
+ ", Sanskrit = " + modelA.getValueAt(2,5) + ", Mathematics = " + modelA.getValueAt(3,5)
+ ", Science = " + modelA.getValueAt(4,5)
+ ", SocialStudies = " + modelA.getValueAt(5,5) + ", InformationTech = " +
modelA.getValueAt(6,5) + " where class = '" + classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";
        }
    }
}

```

```

        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5)+
(double) modelA.getValueAt(5,5);
        double percentage1 = totalMarks1 / 600 * 100;

        String queryFinal = "update finalclass8term1 set Section = '" + class_Sect.getText() +
"', rollno = " + rollNo.getText() + ", academic1 = " + academic1.getText() +
", academic2 = " + academic2.getText() + ", English = " + modelA.getValueAt(0,5) + ",
Hindi = " + modelA.getValueAt(1,5) +
", Sanskrit = " + modelA.getValueAt(2,5) + ", Mathematics = " + modelA.getValueAt(3,5) +
", Science = " + modelA.getValueAt(4,5) + ", SocialStudies = " + modelA.getValueAt(5,5) +
", InformationTech = " + modelA.getValueAt(6,5) + ", WorkEducation = '" +
modelC.getValueAt(0,1) + "', ArtEducation = '" + modelC.getValueAt(1,1) +
", Health_PE = " + modelC.getValueAt(2,1) + ", Discipline = '" +
modelC.getValueAt(3,1) + "', final = " + totalMarks1 +
", percentage = " + percentage1 + ", attend1 = " + attendance1.getText() + ", attend2 =
" + attendance2.getText() + ", promotedClass = '" +
promotedToClass.getText() + "', classTeacher = '" + nameTeacher.getText() + "', name =
" + name.getText() + "' where class = '" + classNumber +
" and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

        if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 ==
true && allow5Term1 == true)
            {//only allow connection to occur if all the data values are valid
                stmt.executeUpdate(queryBestPeriodicTest);
                stmt.executeUpdate(queryNotebook);
                stmt.executeUpdate(querySubjectEnrichment);
                stmt.executeUpdate(queryAnnualExam);
                stmt.executeUpdate(queryMarksObtained);
                stmt.executeUpdate(queryFinal);
                JOptionPane.showMessageDialog(null, "Data Successfully Updated- Term 1");}}
}

catch(Exception e) {
    JOptionPane.showMessageDialog(null, e)
}

```

Continue Form:

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
    {
        this.dispose();
        new Class678UpdateForm2().setVisible(true);
    }
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Classes 6, 7, 8 Update Form 2

Update Form Continued

Get Original Results

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	Peri...	Note...	Subj...	HY E...	Mark...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Science						
Information Technol...						

Total (out of 600):

Percentage:

Calculate

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Education (Pre-Vo...	
Art Education	
Health & Physical Educat...	
Discipline	

Update Results

Update Next Student

Return to Main Menu

Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Get Original Results:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    String classNumber = Class678UpdateForm.classNumber;
    String classSect = Class678UpdateForm.classSect;
    int roll = Class678UpdateForm.roll;

    DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
```

```

DefaultTableModel modelD = (DefaultTableModel) tableD.getModel();

//TERM 2

//CLASS 6 UPDATE CODING

if (classNumber.equals("6"))
{
    //finalclass6term2
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        String query1 = "select * from finalclass6term2 where class = '" +
Class678UpdateForm.classNumber + "' and section = '" + Class678UpdateForm.classSect + "' and rollNo = "
+ Class678UpdateForm.roll + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            double English100 = Double.parseDouble(rs.getString("English"));
            double Hindi100 = Double.parseDouble(rs.getString("Hindi"));
            double Sanskrit100 = Double.parseDouble(rs.getString("Sanskrit"));
            double Mathematics100 = Double.parseDouble(rs.getString("Mathematics"));
            double Science100 = Double.parseDouble(rs.getString("Science"));
            double SocialStudies100 = Double.parseDouble(rs.getString("SocialStudies"));
            double InformationTech100 = Double.parseDouble(rs.getString("InformationTech"));
            String WorkEducation100 = rs.getString("WorkEducation");
            String ArtEducation100 = rs.getString("ArtEducation");
            String Health_PE100 = rs.getString("Health_PE");
            String Discipline = rs.getString("Discipline");
            Double finalMarks = Double.parseDouble(rs.getString("final"));
            Double percentage = Double.parseDouble(rs.getString("percentage"));

            resultOutOf5002.setText(" " + finalMarks);
            resultPercentage2.setText(" " + percentage);

            modelB.setValueAt(English100, 0, 5);
            modelB.setValueAt(Hindi100, 1, 5);
            modelB.setValueAt(Sanskrit100, 2, 5);
            modelB.setValueAt(Mathematics100, 3, 5);
            modelB.setValueAt(Science100, 4, 5);
            modelB.setValueAt(SocialStudies100, 5, 5);
            modelB.setValueAt(InformationTech100, 6, 5);

            modelD.setValueAt(WorkEducation100, 0, 1);
            modelD.setValueAt(ArtEducation100, 1, 1);
            modelD.setValueAt(Health_PE100, 2, 1);
            modelD.setValueAt(Discipline, 3, 1);
        }
    }
}

```

```
for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 91)
    {
        modelB.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 81 && (double) modelB.getValueAt(i,5) <=
90)
    {
        modelB.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 71 && (double) modelB.getValueAt(i,5) <=
80)
    {
        modelB.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 61 && (double) modelB.getValueAt(i,5) <=
70)
    {
        modelB.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 51 && (double) modelB.getValueAt(i,5) <=
60)
    {
        modelB.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 41 && (double) modelB.getValueAt(i,5) <=
50)
    {
        modelB.setValueAt("C2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 33 && (double) modelB.getValueAt(i,5) <=
40)
    {
        modelB.setValueAt("D", i, 6);
    }
}
```

```

        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelB.getValueAt(i, 5) <= 32)
        {
            modelB.setValueAt("E", i, 6);
        }
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e)
{
    JOptionPane.showMessageDialog(null, e);
}

//Halfyearlyclass6term2;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from Halfyearlyclass6term2 where class = '" + classNumber + "'"
and section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishHalf2 = Double.parseDouble(rs2.getString("English"));
        double HindiHalf2 = Double.parseDouble(rs2.getString("Hindi"));
        double SanskritHalf2 = Double.parseDouble(rs2.getString("Sanskrit"));
        double MathematicsHalf2 = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceHalf2 = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesHalf2 = Double.parseDouble(rs2.getString("SocialStudies"));
        double InformationTechHalf2 = Double.parseDouble(rs2.getString("InformationTech"));

        modelB.setValueAt(EnglishHalf2, 0, 4);
        modelB.setValueAt(HindiHalf2, 1, 4);
        modelB.setValueAt(SanskritHalf2, 2, 4);
        modelB.setValueAt(MathematicsHalf2, 3, 4);
        modelB.setValueAt(ScienceHalf2, 4, 4);
        modelB.setValueAt(SocialStudiesHalf2, 5, 4);
        modelB.setValueAt(InformationTechHalf2, 6, 4);
    }

    rs2.close();
    stmt.close();
    con.close();
}

```

```

        catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }

        //SubjectEnrichmentClass6Term2
        try {
            Class.forName("java.sql.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

            Statement stmt = con.createStatement();
            String query3 = "select * from SubjectEnrichmentClass6Term2 where class = '" +
classNumber + "' and section = '" + classSect + "' and rollNo = " + roll + "; ";

            ResultSet rs3 = stmt.executeQuery(query3);

            while(rs3.next())
            {
                double EnglishEnrich2 = Double.parseDouble(rs3.getString("English"));
                double HindiEnrich2 = Double.parseDouble(rs3.getString("Hindi"));
                double SanskritEnrich2 = Double.parseDouble(rs3.getString("Sanskrit"));
                double MathematicsEnrich2 = Double.parseDouble(rs3.getString("Mathematics"));
                double ScienceEnrich2 = Double.parseDouble(rs3.getString("Science"));
                double SocialStudiesEnrich2 = Double.parseDouble(rs3.getString("SocialStudies"));
                double InformationTechEnrich2 =
Double.parseDouble(rs3.getString("InformationTech"));

                modelB.setValueAt(EnglishEnrich2, 0, 3);
                modelB.setValueAt(HindiEnrich2, 1, 3);
                modelB.setValueAt(SanskritEnrich2, 2, 3);
                modelB.setValueAt(MathematicsEnrich2, 3, 3);
                modelB.setValueAt(ScienceEnrich2, 4, 3);
                modelB.setValueAt(SocialStudiesEnrich2, 5, 3);
                modelB.setValueAt(InformationTechEnrich2, 6, 3);
            }
            rs3.close();
            stmt.close();
            con.close();
        }
        catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }
    }

    //Notebookclass6term2
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query4 = "select * from Notebookclass6term2 where class = '" + classNumber + "' and section = '" + classSect + "' and roll = " + roll + "; ";

        ResultSet rs4 = stmt.executeQuery(query4);
    }
}

```

```

        while(rs4.next())
        {
            double EnglishNB2 = Double.parseDouble(rs4.getString("English"));
            double HindiNB2 = Double.parseDouble(rs4.getString("Hindi"));
            double SanskritNB2 = Double.parseDouble(rs4.getString("Sanskrit"));
            double MathematicsNB2 = Double.parseDouble(rs4.getString("Mathematics"));
            double ScienceNB2 = Double.parseDouble(rs4.getString("Science"));
            double SocialStudiesNB2 = Double.parseDouble(rs4.getString("SocialStudies"));
            double InformationTechNB2 = Double.parseDouble(rs4.getString("InformationTech"));

            modelB.setValueAt(EnglishNB2, 0, 2);
            modelB.setValueAt(HindiNB2, 1, 2);
            modelB.setValueAt(SanskritNB2, 2, 2);
            modelB.setValueAt(MathematicsNB2, 3, 2);
            modelB.setValueAt(ScienceNB2, 4, 2);
            modelB.setValueAt(SocialStudiesNB2, 5, 2);
            modelB.setValueAt(InformationTechNB2, 6, 2);
        }
        rs4.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //PeriodicTestClass6term2
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query5 = "select * from PeriodicTestClass6term2 where class = '" + classNumber +
"'" + " and section = '" + classSect + "' and rollNo = " + roll + "; ";
        ResultSet rs5 = stmt.executeQuery(query5);

        while(rs5.next())
        {
            double EnglishBest2 = Double.parseDouble(rs5.getString("English"));
            double HindiBest2 = Double.parseDouble(rs5.getString("Hindi"));
            double SanskritBest2 = Double.parseDouble(rs5.getString("Sanskrit"));
            double MathematicsBest2 = Double.parseDouble(rs5.getString("Mathematics"));
            double ScienceBest2 = Double.parseDouble(rs5.getString("Science"));
            double SocialStudiesBest2 = Double.parseDouble(rs5.getString("SocialStudies"));
            double InformationTechBest2 = Double.parseDouble(rs5.getString("InformationTech"));

            modelB.setValueAt(EnglishBest2, 0, 1);
            modelB.setValueAt(HindiBest2, 1, 1);
            modelB.setValueAt(SanskritBest2, 2, 1);
            modelB.setValueAt(MathematicsBest2, 3, 1);
            modelB.setValueAt(ScienceBest2, 4, 1);
            modelB.setValueAt(SocialStudiesBest2, 5, 1);
            modelB.setValueAt(InformationTechBest2, 6, 1);
        }
        rs5.close();
    }
}

```

```

        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }
}

if (classNumber.equals("7"))
{
    //finalclass7term2
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        String query1 = "select * from finalclass7term2 where class = '" +
Class678UpdateForm.classNumber + "' and section = '" + Class678UpdateForm.classSect + "' and rollNo = " +
+ Class678UpdateForm.roll + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            //JOptionPane.showMessageDialog(null, "Test");
            double English100 = Double.parseDouble(rs.getString("English"));
            double Hindi100 = Double.parseDouble(rs.getString("Hindi"));
            double Sanskrit100 = Double.parseDouble(rs.getString("Sanskrit"));
            double Mathematics100 = Double.parseDouble(rs.getString("Mathematics"));
            double Science100 = Double.parseDouble(rs.getString("Science"));
            double SocialStudies100 = Double.parseDouble(rs.getString("SocialStudies"));
            double InformationTech100 = Double.parseDouble(rs.getString("InformationTech"));
            String WorkEducation100 = rs.getString("WorkEducation");
            String ArtEducation100 = rs.getString("ArtEducation");
            String Health_PE100 = rs.getString("Health_PE");
            String Discipline = rs.getString("Discipline");
            Double finalMarks = Double.parseDouble(rs.getString("final"));
            Double percentage = Double.parseDouble(rs.getString("percentage"));

            resultOutOf5002.setText(" " + finalMarks);
            resultPercentage2.setText(" " + percentage);

            modelB.setValueAt(English100, 0, 5);
            modelB.setValueAt(Hindi100, 1, 5);
            modelB.setValueAt(Sanskrit100, 2, 5);
            modelB.setValueAt(Mathematics100, 3, 5);
            modelB.setValueAt(Science100, 4, 5);
            modelB.setValueAt(SocialStudies100, 5, 5);
            modelB.setValueAt(InformationTech100, 6, 5);
        }
    }
}

```

```
modelD.setValueAt(WorkEducation100, 0, 1);
modelD.setValueAt(ArtEducation100, 1, 1);
modelD.setValueAt(Health_PE100, 2, 1);
modelD.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 91)
    {
        modelB.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 81 && (double) modelB.getValueAt(i,5) <=
90)
    {
        modelB.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 71 && (double) modelB.getValueAt(i,5) <=
80)
    {
        modelB.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 61 && (double) modelB.getValueAt(i,5) <=
70)
    {
        modelB.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 51 && (double) modelB.getValueAt(i,5) <=
60)
    {
        modelB.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 41 && (double) modelB.getValueAt(i,5) <=
50)
    {
        modelB.setValueAt("C2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
```

Let Nature Teach Us, And We Learn From Every Nod.

```

40)
{
    if ((double) modelB.getValueAt(i, 5) >= 33 && (double) modelB.getValueAt(i, 5) <=
    {
        modelB.setValueAt("D", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) <= 32)
    {
        modelB.setValueAt("E", i, 6);
    }
}
}

rs.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Half yearly class 7 term 2;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from Half yearly class 7 term 2 where class = '" + classNumber + "'"
and section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishHalf2 = Double.parseDouble(rs2.getString("English"));
        double HindiHalf2 = Double.parseDouble(rs2.getString("Hindi"));
        double SanskritHalf2 = Double.parseDouble(rs2.getString("Sanskrit"));
        double MathematicsHalf2 = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceHalf2 = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesHalf2 = Double.parseDouble(rs2.getString("SocialStudies"));
        double InformationTechHalf2 = Double.parseDouble(rs2.getString("InformationTech"));

        modelB.setValueAt(EnglishHalf2, 0, 4);
        modelB.setValueAt(HindiHalf2, 1, 4);
        modelB.setValueAt(SanskritHalf2, 2, 4);
        modelB.setValueAt(MathematicsHalf2, 3, 4);
        modelB.setValueAt(ScienceHalf2, 4, 4);
        modelB.setValueAt(SocialStudiesHalf2, 5, 4);
        modelB.setValueAt(InformationTechHalf2, 6, 4);
    }
}

rs2.close();
}

```

```

        stmt.close();
        con.close();

    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //SubjectEnrichmentClass7Term2
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
        "root", "ankit");

        Statement stmt = con.createStatement();
        String query3 = "select * from SubjectEnrichmentClass7Term2 where class = '" +
        classNumber + "' and section = '" + classSect + "' and rollNo = " + roll + "; ";

        ResultSet rs3 = stmt.executeQuery(query3);

        while(rs3.next())
        {
            double EnglishEnrich2 = Double.parseDouble(rs3.getString("English"));
            double HindiEnrich2 = Double.parseDouble(rs3.getString("Hindi"));
            double SanskritEnrich2 = Double.parseDouble(rs3.getString("Sanskrit"));
            double MathematicsEnrich2 = Double.parseDouble(rs3.getString("Mathematics"));
            double ScienceEnrich2 = Double.parseDouble(rs3.getString("Science"));
            double SocialStudiesEnrich2 = Double.parseDouble(rs3.getString("SocialStudies"));
            double InformationTechEnrich2 =
Double.parseDouble(rs3.getString("InformationTech"));

            modelB.setValueAt(EnglishEnrich2, 0, 3);
            modelB.setValueAt(HindiEnrich2, 1, 3);
            modelB.setValueAt(SanskritEnrich2, 2, 3);
            modelB.setValueAt(MathematicsEnrich2, 3, 3);
            modelB.setValueAt(ScienceEnrich2, 4, 3);
            modelB.setValueAt(SocialStudiesEnrich2, 5, 3);
            modelB.setValueAt(InformationTechEnrich2, 6, 3);
        }

        rs3.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //Notebookclass7term2
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
        "root", "ankit");

        Statement stmt = con.createStatement();
    }
}

```

```

String query4 = "select * from Notebookclass7term2 where class = '" + classNumber + "'"
and section = '" + classSect + "' and roll = " + roll + "; ";

ResultSet rs4 = stmt.executeQuery(query4);

while(rs4.next())
{
    double EnglishNB2 = Double.parseDouble(rs4.getString("English"));
    double HindiNB2 = Double.parseDouble(rs4.getString("Hindi"));
    double SanskritNB2 = Double.parseDouble(rs4.getString("Sanskrit"));
    double MathematicsNB2 = Double.parseDouble(rs4.getString("Mathematics"));
    double ScienceNB2 = Double.parseDouble(rs4.getString("Science"));
    double SocialStudiesNB2 = Double.parseDouble(rs4.getString("SocialStudies"));
    double InformationTechNB2 = Double.parseDouble(rs4.getString("InformationTech"));

    modelB.setValueAt(EnglishNB2, 0, 2);
    modelB.setValueAt(HindiNB2, 1, 2);
    modelB.setValueAt(SanskritNB2, 2, 2);
    modelB.setValueAt(MathematicsNB2, 3, 2);
    modelB.setValueAt(ScienceNB2, 4, 2);
    modelB.setValueAt(SocialStudiesNB2, 5, 2);
    modelB.setValueAt(InformationTechNB2, 6, 2);
}
rs4.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//PeriodicTestClass7term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query5 = "select * from PeriodicTestClass7term2 where class = '" + classNumber +
" and section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs5 = stmt.executeQuery(query5);

    while(rs5.next())
    {
        double EnglishBest2 = Double.parseDouble(rs5.getString("English"));
        double HindiBest2 = Double.parseDouble(rs5.getString("Hindi"));
        double SanskritBest2 = Double.parseDouble(rs5.getString("Sanskrit"));
        double MathematicsBest2 = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest2 = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest2 = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest2 = Double.parseDouble(rs5.getString("InformationTech"));

        modelB.setValueAt(EnglishBest2, 0, 1);
        modelB.setValueAt(HindiBest2, 1, 1);
        modelB.setValueAt(SanskritBest2, 2, 1);
    }
}

```

```

        modelB.setValueAt(MathematicsBest2, 3, 1);
        modelB.setValueAt(ScienceBest2, 4, 1);
        modelB.setValueAt(SocialStudiesBest2, 5, 1);
        modelB.setValueAt(InformationTechBest2, 6, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}

if (classNumber.equals("8"))
{
    //finalclass8term2
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        String query1 = "select * from finalclass8term2 where class = '" +
Class678UpdateForm.classNumber + "' and section = '" + Class678UpdateForm.classSect + "' and rollNo = " +
+ Class678UpdateForm.roll + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            double English100 = Double.parseDouble(rs.getString("English"));
            double Hindi100 = Double.parseDouble(rs.getString("Hindi"));
            double Sanskrit100 = Double.parseDouble(rs.getString("Sanskrit"));
            double Mathematics100 = Double.parseDouble(rs.getString("Mathematics"));
            double Science100 = Double.parseDouble(rs.getString("Science"));
            double SocialStudies100 = Double.parseDouble(rs.getString("SocialStudies"));
            double InformationTech100 = Double.parseDouble(rs.getString("InformationTech"));
            String WorkEducation100 = rs.getString("WorkEducation");
            String ArtEducation100 = rs.getString("ArtEducation");
            String Health_PE100 = rs.getString("Health_PE");
            String Discipline = rs.getString("Discipline");
            Double finalMarks = Double.parseDouble(rs.getString("final"));
            Double percentage = Double.parseDouble(rs.getString("percentage"));

            resultOutOf5002.setText(" " + finalMarks);
            resultPercentage2.setText(" " + percentage);

            modelB.setValueAt(English100, 0, 5);
        }
    }
}

```

```

modelB.setValueAt(Hindi100, 1, 5);
modelB.setValueAt(Sanskrit100, 2, 5);
modelB.setValueAt(Mathematics100, 3, 5);
modelB.setValueAt(Science100, 4, 5);
modelB.setValueAt(SocialStudies100, 5, 5);
modelB.setValueAt(InformationTech100, 6, 5);

modelD.setValueAt(WorkEducation100, 0, 1);
modelD.setValueAt(ArtEducation100, 1, 1);
modelD.setValueAt(Health_PE100, 2, 1);
modelD.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 91)
    {
        modelB.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 81 && (double) modelB.getValueAt(i, 5) <=
90)
    {
        modelB.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 71 && (double) modelB.getValueAt(i, 5) <=
80)
    {
        modelB.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 61 && (double) modelB.getValueAt(i, 5) <=
70)
    {
        modelB.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 51 && (double) modelB.getValueAt(i, 5) <=
60)
    {
        modelB.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{

```

Let future thoughts come to us from every side.

```

50)           if ((double) modelB.getValueAt(i, 5) >= 41 && (double) modelB.getValueAt(i, 5) <=
{
    modelB.setValueAt("C2", i, 6);
}
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 33 && (double) modelB.getValueAt(i, 5) <=
40)
{
    modelB.setValueAt("D", i, 6);
}
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) <= 32)
{
    modelB.setValueAt("E", i, 6);
}
}

rs.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Half yearly class 8 term 2;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from Half yearly class 8 term 2 where class = '" + classNumber + "' and section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishHalf2 = Double.parseDouble(rs2.getString("English"));
        double HindiHalf2 = Double.parseDouble(rs2.getString("Hindi"));
        double SanskritHalf2 = Double.parseDouble(rs2.getString("Sanskrit"));
        double MathematicsHalf2 = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceHalf2 = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesHalf2 = Double.parseDouble(rs2.getString("SocialStudies"));
        double InformationTechHalf2 = Double.parseDouble(rs2.getString("InformationTech"));

        modelB.setValueAt(EnglishHalf2, 0, 4);
        modelB.setValueAt(HindiHalf2, 1, 4);
    }
}
}

```

```

        modelBuilder.setValueAt(SanskritHalf2, 2, 4);
        modelBuilder.setValueAt(MathematicsHalf2, 3, 4);
        modelBuilder.setValueAt(ScienceHalf2, 4, 4);
        modelBuilder.setValueAt(SocialStudiesHalf2, 5, 4);
        modelBuilder.setValueAt(InformationTechHalf2, 6, 4);
    }

    rs2.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass8Term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from SubjectEnrichmentClass8Term2 where class = '" +
classNumber + "' and section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich2 = Double.parseDouble(rs3.getString("English"));
        double HindiEnrich2 = Double.parseDouble(rs3.getString("Hindi"));
        double SanskritEnrich2 = Double.parseDouble(rs3.getString("Sanskrit"));
        double MathematicsEnrich2 = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich2 = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich2 = Double.parseDouble(rs3.getString("SocialStudies"));
        double InformationTechEnrich2 =
Double.parseDouble(rs3.getString("InformationTech"));

        modelBuilder.setValueAt(EnglishEnrich2, 0, 3);
        modelBuilder.setValueAt(HindiEnrich2, 1, 3);
        modelBuilder.setValueAt(SanskritEnrich2, 2, 3);
        modelBuilder.setValueAt(MathematicsEnrich2, 3, 3);
        modelBuilder.setValueAt(ScienceEnrich2, 4, 3);
        modelBuilder.setValueAt(SocialStudiesEnrich2, 5, 3);
        modelBuilder.setValueAt(InformationTechEnrich2, 6, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

```

```

//Notebookclass8term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from Notebookclass8term2 where class = '" + classNumber + "'"
and section = '" + classSect + "' and roll = " + roll + "; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double EnglishNB2 = Double.parseDouble(rs4.getString("English"));
        double HindiNB2 = Double.parseDouble(rs4.getString("Hindi"));
        double SanskritNB2 = Double.parseDouble(rs4.getString("Sanskrit"));
        double MathematicsNB2 = Double.parseDouble(rs4.getString("Mathematics"));
        double ScienceNB2 = Double.parseDouble(rs4.getString("Science"));
        double SocialStudiesNB2 = Double.parseDouble(rs4.getString("SocialStudies"));
        double InformationTechNB2 = Double.parseDouble(rs4.getString("InformationTech"));

        modelB.setValueAt(EnglishNB2, 0, 2);
        modelB.setValueAt(HindiNB2, 1, 2);
        modelB.setValueAt(SanskritNB2, 2, 2);
        modelB.setValueAt(MathematicsNB2, 3, 2);
        modelB.setValueAt(ScienceNB2, 4, 2);
        modelB.setValueAt(SocialStudiesNB2, 5, 2);
        modelB.setValueAt(InformationTechNB2, 6, 2);
    }
    rs4.close();
    stmt.close();
    con.close();
}
catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//PeriodicTestClass8term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query5 = "select * from PeriodicTestClass8term2 where class = '" + classNumber + "'"
and section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs5 = stmt.executeQuery(query5);

    while(rs5.next())
    {
        double EnglishBest2 = Double.parseDouble(rs5.getString("English"));
        double HindiBest2 = Double.parseDouble(rs5.getString("Hindi"));
        double SanskritBest2 = Double.parseDouble(rs5.getString("Sanskrit"));
        double MathematicsBest2 = Double.parseDouble(rs5.getString("Mathematics"));
    }
}

```

```
        double ScienceBest2 = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest2 = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest2 = Double.parseDouble(rs5.getString("InformationTech"));

        modelB.setValueAt(EnglishBest2, 0, 1);
        modelB.setValueAt(HindiBest2, 1, 1);
        modelB.setValueAt(SanskritBest2, 2, 1);
        modelB.setValueAt(MathematicsBest2, 3, 1);
        modelB.setValueAt(ScienceBest2, 4, 1);
        modelB.setValueAt(SocialStudiesBest2, 5, 1);
        modelB.setValueAt(InformationTechBest2, 6, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}
catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
}
```

Calculate:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    //DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
    //DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();
    DefaultTableModel modelD = (DefaultTableModel) tableD.getModel();

    boolean allow1Term2 = false;
    boolean allow2Term2 = false;
    boolean allow3Term2 = false;
    boolean allow4Term2 = false;

    //Show pop-up dialog restricting the data values- Term 2
    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelB.getValueAt(i,1) <= 10 && (double) modelB.getValueAt(i,1) >= 0)
        {
            allow1Term2 = true;
        }
        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 10 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term2 = false;
            break;
        }
    }

    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelB.getValueAt(i,2) <= 5 && (double) modelB.getValueAt(i,2) >= 0)
```

```

        {
            allow2Term2 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min value allowed is 0.
Re-enter Data Value");
            allow2Term2 = false;
            break;
        }
    }

    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelB.getValueAt(i, 3) <= 5 && (double) modelB.getValueAt(i, 3) >= 0)
        {
            allow3Term2 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min value allowed is 0.
Re-enter Data Value");
            allow3Term2 = false;
            break;
        }
    }

    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelB.getValueAt(i, 4) <= 80 && (double) modelB.getValueAt(i, 4) >= 0)
        {
            allow4Term2 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 80 and Min value allowed is 0.
Re-enter Data Value");
            allow4Term2 = false;
            break;
        }
    }

    if (allow1Term2 == true && allow2Term2 == true && allow3Term2 == true && allow4Term2 == true)
    {
        //Term2
        double marksEnglish2 = (double) modelB.getValueAt(0,1) + (double) modelB.getValueAt(0,2) +
(double) modelB.getValueAt(0,3) + (double) modelB.getValueAt(0,4);
        double marksHindi2 = (double) modelB.getValueAt(1,1) + (double) modelB.getValueAt(1,2) +
(double) modelB.getValueAt(1,3) + (double) modelB.getValueAt(1,4);
        double marksSanskrit2 = (double) modelB.getValueAt(2,1) + (double) modelB.getValueAt(2,2) +
(double) modelB.getValueAt(2,3) + (double) modelB.getValueAt(2,4);
        double marksMathematics2 = (double) modelB.getValueAt(3,1) + (double) modelB.getValueAt(3,2) +
(double) modelB.getValueAt(3,3) + (double) modelB.getValueAt(3,4);
        double marksScience2 = (double) modelB.getValueAt(4,1) + (double) modelB.getValueAt(4,2) +
(double) modelB.getValueAt(4,3) + (double) modelB.getValueAt(4,4);
    }
}

```

```

        double marksSocialStudies2 = (double) modelB.getValueAt(5,1) + (double)
modelB.getValueAt(5,2) + (double) modelB.getValueAt(5,3) + (double) modelB.getValueAt(5,4);
        double marksInformationTech2 = (double) modelB.getValueAt(6,1) + (double)
modelB.getValueAt(6,2) + (double) modelB.getValueAt(6,3) + (double) modelB.getValueAt(6,4);

        modelB.setValueAt(marksEnglish2, 0, 5);
        modelB.setValueAt(marksHindi2, 1, 5);
        modelB.setValueAt(marksSanskrit2, 2, 5);
        modelB.setValueAt(marksMathematics2, 3, 5);
        modelB.setValueAt(marksScience2, 4, 5);
        modelB.setValueAt(marksSocialStudies2, 5, 5);
        modelB.setValueAt(marksInformationTech2, 6, 5);

        double totalMarks2 = (double) modelB.getValueAt(0,5) + (double) modelB.getValueAt(1,5) +
(double) modelB.getValueAt(2,5) + (double) modelB.getValueAt(3,5) + (double) modelB.getValueAt(4,5) +
(double) modelB.getValueAt(5,5);
        double percentage2 = totalMarks2 / 600 * 100;

        resultOutOf5002.setText(" " + totalMarks2);
        resultPercentage2.setText(" " + percentage2 + " %");

//Give letter grades according to percentage- Term 2
for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 91)
    {
        modelB.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 81 && (double) modelB.getValueAt(i,5) <= 90)
    {
        modelB.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 71 && (double) modelB.getValueAt(i,5) <= 80)
    {
        modelB.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 61 && (double) modelB.getValueAt(i,5) <= 70)
    {
        modelB.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 51 && (double) modelB.getValueAt(i,5) <= 60)
    {
        modelB.setValueAt("C1", i, 6);
    }
}

```

```
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelB.getValueAt(i,5) >= 41 && (double) modelB.getValueAt(i,5) <= 50)
        {
            modelB.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelB.getValueAt(i,5) >= 33 && (double) modelB.getValueAt(i,5) <= 40)
        {
            modelB.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelB.getValueAt(i,5) <= 32)
        {
            modelB.setValueAt("E", i, 6);
        }
    }
}
}
```

Update Results:

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String classNumber = Class678UpdateForm.classNumber;
    String classSect = Class678UpdateForm.classSect;
    int roll = Class678UpdateForm.roll;

    try {
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db", "root", "ankit");
        Statement stmt = con.createStatement();

        DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
        DefaultTableModel modelD = (DefaultTableModel) tableD.getModel();

        boolean allow1Term2 = false;
        boolean allow2Term2 = false;
        boolean allow3Term2 = false;
        boolean allow4Term2 = false;
        boolean allow5Term2 = false;

        //Term 2
        for (int i = 0; i < 6; i++)
        {
            if((double) modelB.getValueAt(i,1) <= 10)
            {
                allow1Term2 = true;
            }
        }
    }
}
```

```

for (int i = 0; i < 6; i++)
{
    if((double) modelB.getValueAt(i,2) <= 5)
    {
        allow2Term2 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelB.getValueAt(i,3) <= 5)
    {
        allow3Term2 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelB.getValueAt(i,4) <= 80)
    {
        allow4Term2 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelB.getValueAt(i,5) <= 100)
    {
        allow5Term2 = true;
    }
}

//Give values to different queries

if (classNumber.equals("6"))
{
    String queryBestPeriodicTest2 = "update periodictestclass6term2 set English = " +
modelB.getValueAt(0,1) + ", Hindi = " + modelB.getValueAt(1,1)
+ ", Sanskrit = " + modelB.getValueAt(2,1) + ", Mathematics = " + modelB.getValueAt(3,1)
+ ", Science = " + modelB.getValueAt(4,1) + ", SocialStudies = " + modelB.getValueAt(5,1) +
", InformationTech = " + modelB.getValueAt(6,1) + " where class = '" +
classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

    String queryNotebook2 = "update notebookclass6Term2 set English = " +
modelB.getValueAt(0,2) + ", Hindi = " + modelB.getValueAt(1,2)
+ ", Sanskrit = " + modelB.getValueAt(2,2) + ", Mathematics = " + modelB.getValueAt(3,2)
+ ", Science = " + modelB.getValueAt(4,2)
+ ", SocialStudies = " + modelB.getValueAt(5,2) + ", InformationTech = " +
modelB.getValueAt(6,2) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
roll = '" + roll + "' ;";

    String querySubjectEnrichment2 = "update subjectEnrichmentclass6term2 set English = " +
modelB.getValueAt(0,3) + ", Hindi = " + modelB.getValueAt(1,3)
+ ", Sanskrit = " + modelB.getValueAt(2,3) + ", Mathematics = " + modelB.getValueAt(3,3)
+ ", Science = " + modelB.getValueAt(4,3)
+ ", SocialStudies = " + modelB.getValueAt(5,3) + ", InformationTech = " +
modelB.getValueAt(6,3) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";
}

```

```

String queryAnnualExam2 = "update halfyearlyclass6term2 set English = " +
modelB.getValueAt(0,4) + ", Hindi = " + modelB.getValueAt(1,4)
+ ", Sanskrit = " + modelB.getValueAt(2,4) + ", Mathematics = " + modelB.getValueAt(3,4)
+ ", Science = " + modelB.getValueAt(4,4)
+ ", SocialStudies = " + modelB.getValueAt(5,4) + ", InformationTech = " +
modelB.getValueAt(6,4) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

String queryMarksObtained2 = "update marksobtainedclass6term2 set English = " +
modelB.getValueAt(0,5) + ", Hindi = " + modelB.getValueAt(1,5)
+ ", Sanskrit = " + modelB.getValueAt(2,5) + ", Mathematics = " + modelB.getValueAt(3,5)
+ ", Science = " + modelB.getValueAt(4,5)
+ ", SocialStudies = " + modelB.getValueAt(5,5) + ", InformationTech = " +
modelB.getValueAt(6,5) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

double totalMarks2 = (double) modelB.getValueAt(0,5) + (double) modelB.getValueAt(1,5) +
(double) modelB.getValueAt(2,5) + (double) modelB.getValueAt(3,5) + (double) modelB.getValueAt(4,5) +
(double) modelB.getValueAt(5,5);
double percentage2 = totalMarks2 / 600 * 100;

String queryFinal2 = "update finalclass6term2 set Section = '" +
Class678UpdateForm.classSect + "', rollno = " + Class678UpdateForm.roll + ", academic1 = " +
Class678UpdateForm.academicValue1
+ ", academic2 = " + Class678UpdateForm.academicValue2 + ", English = " +
modelB.getValueAt(0,5) + ", Hindi = " + modelB.getValueAt(1,5)
+ ", Sanskrit = " + modelB.getValueAt(2,5) + ", Mathematics = " + modelB.getValueAt(3,5)
+ ", Science = " + modelB.getValueAt(4,5) + ", SocialStudies = " + modelB.getValueAt(5,5)
+ ", InformationTech = " + modelB.getValueAt(6,5) + ", WorkEducation = '" +
modelD.getValueAt(0,1) + "', ArtEducation = '" + modelD.getValueAt(1,1)
+ "', Health_PE = '" + modelD.getValueAt(2,1) + "', Discipline = '" +
modelD.getValueAt(3,1) + "', final = " + totalMarks2
+ ", percentage = " + percentage2 + ", attend1 = " + Class678UpdateForm.attendanceValue1
+ ", attend2 = " + Class678UpdateForm.attendanceValue2 + ", promotedClass = '" +
Class678UpdateForm.promotedClass + "', classTeacher = '" +
Class678UpdateForm.nameOfTeacher + "', name = '" + Class678UpdateForm.nameValue + "' where class = '" +
classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

if (allow1Term2 == true && allow2Term2 == true && allow3Term2 == true && allow4Term2 ==
true && allow5Term2 == true)
{
    //only allow connection to occur if all the data values are valid
    stmt.executeUpdate(queryBestPeriodicTest2);
    stmt.executeUpdate(queryNotebook2);
    stmt.executeUpdate(querySubjectEnrichment2);
    stmt.executeUpdate(queryAnnualExam2);
    stmt.executeUpdate(queryMarksObtained2);
    stmt.executeUpdate(queryFinal2);
    JOptionPane.showMessageDialog(null, "Data Successfully Updated- Term 2");
}
}

if (classNumber.equals("7"))
{
    String queryBestPeriodicTest2 = "update periodictestclass7term2 set English = " +
modelB.getValueAt(0,1) + ", Hindi = " + modelB.getValueAt(1,1)
+ ", Sanskrit = " + modelB.getValueAt(2,1) + ", Mathematics = " + modelB.getValueAt(3,1)
+ ", Science = " + modelB.getValueAt(4,1) + ", SocialStudies = " + modelB.getValueAt(5,1) +

```

```

        ", InformationTech = " + modelB.getValueAt(6,1) + " where class = '" +
classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

        String queryNotebook2 = "update notebookclass7Term2 set English = " +
modelB.getValueAt(0,2) + ", Hindi = " + modelB.getValueAt(1,2)
+ ", Sanskrit = " + modelB.getValueAt(2,2) + ", Mathematics = " + modelB.getValueAt(3,2)
+ ", Science = " + modelB.getValueAt(4,2)
+ ", SocialStudies = " + modelB.getValueAt(5,2) + ", InformationTech = " +
modelB.getValueAt(6,2) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
roll = '" + roll + "' ;";

        String querySubjectEnrichment2 = "update subjectEnrichmentclass7term2 set English = " +
modelB.getValueAt(0,3) + ", Hindi = " + modelB.getValueAt(1,3)
+ ", Sanskrit = " + modelB.getValueAt(2,3) + ", Mathematics = " + modelB.getValueAt(3,3)
+ ", Science = " + modelB.getValueAt(4,3)
+ ", SocialStudies = " + modelB.getValueAt(5,3) + ", InformationTech = " +
modelB.getValueAt(6,3) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

        String queryAnnualExam2 = "update halfyearlyclass7term2 set English = " +
modelB.getValueAt(0,4) + ", Hindi = " + modelB.getValueAt(1,4)
+ ", Sanskrit = " + modelB.getValueAt(2,4) + ", Mathematics = " + modelB.getValueAt(3,4)
+ ", Science = " + modelB.getValueAt(4,4)
+ ", SocialStudies = " + modelB.getValueAt(5,4) + ", InformationTech = " +
modelB.getValueAt(6,4) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

        String queryMarksObtained2 = "update marksobtainedclass7term2 set English = " +
modelB.getValueAt(0,5) + ", Hindi = " + modelB.getValueAt(1,5)
+ ", Sanskrit = " + modelB.getValueAt(2,5) + ", Mathematics = " + modelB.getValueAt(3,5)
+ ", Science = " + modelB.getValueAt(4,5)
+ ", SocialStudies = " + modelB.getValueAt(5,5) + ", InformationTech = " +
modelB.getValueAt(6,5) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";

        double totalMarks2 = (double) modelB.getValueAt(0,5) + (double) modelB.getValueAt(1,5) +
(double) modelB.getValueAt(2,5) + (double) modelB.getValueAt(3,5) + (double) modelB.getValueAt(4,5) +
(double) modelB.getValueAt(5,5);
        double percentage2 = totalMarks2 / 600 * 100;

        String queryFinal2 = "update finalclass7term2 set Section = '" +
Class678UpdateForm.classSect + "', rollno = " + Class678UpdateForm.roll + ", academic1 = " +
Class678UpdateForm.academicValue1
+ ", academic2 = " + Class678UpdateForm.academicValue2 + ", English = " +
modelB.getValueAt(0,5) + ", Hindi = " + modelB.getValueAt(1,5)
+ ", Sanskrit = " + modelB.getValueAt(2,5) + ", Mathematics = " + modelB.getValueAt(3,5)
+ ", Science = " + modelB.getValueAt(4,5) + ", SocialStudies = " + modelB.getValueAt(5,5)
+ ", InformationTech = " + modelB.getValueAt(6,5) + ", WorkEducation = '" +
modelD.getValueAt(0,1) + "', ArtEducation = '" + modelD.getValueAt(1,1)
+ "', Health_PE = '" + modelD.getValueAt(2,1) + "', Discipline = '" +
modelD.getValueAt(3,1) + "', final = " + totalMarks2
+ ", percentage = " + percentage2 + ", attend1 = " + Class678UpdateForm.attendanceValue1
+ ", attend2 = " + Class678UpdateForm.attendanceValue2 + ", promotedClass = '" +
Class678UpdateForm.promotedClass + "', classTeacher = '" +
Class678UpdateForm.nameOfTeacher + "', name = '" + Class678UpdateForm.nameValue + "' where class = '" +
classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";

```

```

        if (allow1Term2 == true && allow2Term2 == true && allow3Term2 == true && allow4Term2 ==
true && allow5Term2 == true)
            {//only allow connection to occur if all the data values are valid
                stmt.executeUpdate(queryBestPeriodicTest2);
                stmt.executeUpdate(queryNotebook2);
                stmt.executeUpdate(querySubjectEnrichment2);
                stmt.executeUpdate(queryAnnualExam2);
                stmt.executeUpdate(queryMarksObtained2);
                stmt.executeUpdate(queryFinal2);
                JOptionPane.showMessageDialog(null, "Data Successfully Updated- Term 2");
            }
        }

        if (classNumber.equals("8"))
        {
            String queryBestPeriodicTest2 = "update periodictestclass8term2 set English = " +
modelB.getValueAt(0,1) + ", Hindi = " + modelB.getValueAt(1,1)
+ ", Sanskrit = " + modelB.getValueAt(2,1) + ", Mathematics = " + modelB.getValueAt(3,1)
+ ", Science = " + modelB.getValueAt(4,1) + ", SocialStudies = " + modelB.getValueAt(5,1) +
", InformationTech = " + modelB.getValueAt(6,1) + " where class = '" +
classNumber + "' and section = '" + classSect + "' and rollNo = '" + roll + "' ;";
            String queryNotebook2 = "update notebookclass8Term2 set English = " +
modelB.getValueAt(0,2) + ", Hindi = " + modelB.getValueAt(1,2)
+ ", Sanskrit = " + modelB.getValueAt(2,2) + ", Mathematics = " + modelB.getValueAt(3,2)
+ ", Science = " + modelB.getValueAt(4,2)
+ ", SocialStudies = " + modelB.getValueAt(5,2) + ", InformationTech = " +
modelB.getValueAt(6,2) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
roll = '" + roll + "' ;";
            String querySubjectEnrichment2 = "update subjectEnrichmentclass8term2 set English = " +
modelB.getValueAt(0,3) + ", Hindi = " + modelB.getValueAt(1,3)
+ ", Sanskrit = " + modelB.getValueAt(2,3) + ", Mathematics = " + modelB.getValueAt(3,3)
+ ", Science = " + modelB.getValueAt(4,3)
+ ", SocialStudies = " + modelB.getValueAt(5,3) + ", InformationTech = " +
modelB.getValueAt(6,3) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";
            String queryAnnualExam2 = "update halfyearlyclass8term2 set English = " +
modelB.getValueAt(0,4) + ", Hindi = " + modelB.getValueAt(1,4)
+ ", Sanskrit = " + modelB.getValueAt(2,4) + ", Mathematics = " + modelB.getValueAt(3,4)
+ ", Science = " + modelB.getValueAt(4,4)
+ ", SocialStudies = " + modelB.getValueAt(5,4) + ", InformationTech = " +
modelB.getValueAt(6,4) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";
            String queryMarksObtained2 = "update marksobtainedclass8term2 set English = " +
modelB.getValueAt(0,5) + ", Hindi = " + modelB.getValueAt(1,5)
+ ", Sanskrit = " + modelB.getValueAt(2,5) + ", Mathematics = " + modelB.getValueAt(3,5)
+ ", Science = " + modelB.getValueAt(4,5)
+ ", SocialStudies = " + modelB.getValueAt(5,5) + ", InformationTech = " +
modelB.getValueAt(6,5) + " where class = '" + classNumber + "' and section = '" + classSect + "' and
rollNo = '" + roll + "' ;";
            double totalMarks2 = (double) modelB.getValueAt(0,5) + (double) modelB.getValueAt(1,5) +
(double) modelB.getValueAt(2,5) + (double) modelB.getValueAt(3,5) + (double) modelB.getValueAt(4,5) +
(double) modelB.getValueAt(5,5);
            double percentage2 = totalMarks2 / 600 * 100;
        }
    }
}

```

```

String queryFinal2 = "update finalclass8term2 set Section = '" +
Class678UpdateForm.classSect + "', rollno = " + Class678UpdateForm.roll + ", academic1 = " +
Class678UpdateForm.academicValue1
    + ", academic2 = " + Class678UpdateForm.academicValue2 + ", English = " +
modelB.getValueAt(0,5) + ", Hindi = " + modelB.getValueAt(1,5)
    + ", Sanskrit = " + modelB.getValueAt(2,5) + ", Mathematics = " + modelB.getValueAt(3,5)
+ ", Science = " + modelB.getValueAt(4,5) + ", SocialStudies = " + modelB.getValueAt(5,5)
    + ", InformationTech = " + modelB.getValueAt(6,5) + ", WorkEducation = " +
modelD.getValueAt(0,1) + "", ArtEducation = "" + modelD.getValueAt(1,1)
    + "", Health_PE = "" + modelD.getValueAt(2,1) + ", Discipline = " +
modelD.getValueAt(3,1) + "", final = "" + totalMarks2
    + ", percentage = " + percentage2 + ", attend1 = " + Class678UpdateForm.attendanceValue1
+ ", attend2 = " + Class678UpdateForm.attendanceValue2 + ", promotedClass = " +
Class678UpdateForm.promotedClass + ", classTeacher = " +
Class678UpdateForm.nameOfTeacher + ", name = " + Class678UpdateForm.nameValue + "' where class = " +
classNumber + " and section = " + classSect + " and rollNo = " + roll + "';";

if (allow1Term2 == true && allow2Term2 == true && allow3Term2 == true && allow4Term2 ==
true && allow5Term2 == true)
    { //only allow connection to occur if all the data values are valid
        stmt.executeUpdate(queryBestPeriodicTest2);
        stmt.executeUpdate(queryNotebook2);
        stmt.executeUpdate(querySubjectEnrichment2);
        stmt.executeUpdate(queryAnnualExam2);
        stmt.executeUpdate(queryMarksObtained2);
        stmt.executeUpdate(queryFinal2);
        JOptionPane.showMessageDialog(null, "Data Succesfully Updated- Term 2");
    }
}
catch(Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
// TODO add your handling code here:
}

```

Update Next Student:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();
    new Class678UpdateForm().setVisible(true); // TODO add your handling code
here:
}

```

Return to Main Menu:

```

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 6 Print Form

Class 6 Print Form

[Back](#)
Class: **6**Section: **1**Roll Number: **1234567890**

G.R. Number: **1234567890**Name: **John Doe**Academic Session: 20 **19** - 20 **20**

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Na...	Periodic Test	Notebook	Subject Enr...	Half Yearly ...	Marks Obtai...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Scie...						
Information...						

Total (out of 600):

Percentage:

Term 2

Subject Na...	Periodic Test	Notebook	Subject Enr...	Half Yearly ...	Marks Obtai...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Scie...						
Information...						

Total (out of 600):

Percentage:

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 1

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

Term 1

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

Attendance: **100**

Days /

100 DaysPromoted to Class: **1234567890**Name of Class Teacher: **John Doe****Need to Import/Global:**

```

import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;

public class Class6PrintForm extends javax.swing.JFrame {
    public static String classNumber;
    public static String classSect;
    public static int roll;
    public static String grNumber;
    public static String academicValue1;
    public static String academicValue2;
    public static String attendanceValue1;
    public static String attendanceValue2;
    public static String promotedClass;
}

```

```
public static String nameOfTeacher;
public static String nameValue;
```

Get Print Results:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    //Term 1
    classNumber = "6";
    classSect = class_Sect.getText();
    roll = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    //CLASS 6 PRINT CODE

    //finalclass6term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
        "root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        String query1 = "select * from finalclass6term1 where class = '" + classNumber + "' and
        section = '" + classSect + "' and rollNo = " + roll + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            //JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            int acad1 = rs.getInt("academic1");
            int acad2 = rs.getInt("academic2");
            double English100 = rs.getDouble("English");
            double Hindi100 = rs.getDouble("Hindi");
            double Sanskrit100 = rs.getDouble("Sanskrit");
            double Mathematics100 = rs.getDouble("Mathematics");
            double Science100 = rs.getDouble("Science");
            double SocialStudies100 = rs.getDouble("SocialStudies");
            double InformationTech100 = rs.getDouble("InformationTech");
            String WorkEducation100 = rs.getString("WorkEducation");
            String ArtEducation100 = rs.getString("ArtEducation");
            String Health_PE100 = rs.getString("Health_PE");
            String Discipline = rs.getString("Discipline");
            double finalMarks = rs.getDouble("final");
            double percentage = rs.getDouble("percentage");
            int attend1 = rs.getInt("attend1");
            int attend2 = rs.getInt("attend2");
            String promotedClass = rs.getString("promotedclass");
            String nameSQL = rs.getString("name");
            String teacher = rs.getString("classTeacher");
```

```

name.setText(nameSQL);
grNum.setText(" " + grNumber);
academic1.setText(" " + acad1);
academic2.setText(" " + acad2);
resultOutOf5001.setText(" " + finalMarks);
resultPercentage1.setText(" " + percentage);
attendance1.setText(" " + attend1);
attendance2.setText(" " + attend2);
promotedToClass.setText(promotedClass);
nameTeacher.setText(teacher);

modelA.setValueAt(English100, 0, 5);
modelA.setValueAt(Hindi100, 1, 5);
modelA.setValueAt(Sanskrit100, 2, 5);
modelA.setValueAt(Mathematics100, 3, 5);
modelA.setValueAt(Science100, 4, 5);
modelA.setValueAt(SocialStudies100, 5, 5);
modelA.setValueAt(InformationTech100, 6, 5);

modelC.setValueAt(WorkEducation100, 0, 1);
modelC.setValueAt(ArtEducation100, 1, 1);
modelC.setValueAt(Health_PE100, 2, 1);
modelC.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 91)
    {
        modelA.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 81 && (double) modelA.getValueAt(i, 5) <= 90)
    {
        modelA.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 71 && (double) modelA.getValueAt(i, 5) <= 80)
    {
        modelA.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 61 && (double) modelA.getValueAt(i, 5) <= 70)
    {
        modelA.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 51 && (double) modelA.getValueAt(i, 5) <= 60)
    {
        modelA.setValueAt("C", i, 6);
    }
}

```

```

        {
            modelA.setValueAt("C1", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 41 && (double) modelA.getValueAt(i,5) <= 50)
        {
            modelA.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 33 && (double) modelA.getValueAt(i,5) <= 40)
        {
            modelA.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }
}

rs.close();
stmt.close();
con.close();
}

catch (Exception e){
    JOptionPane.showMessageDialog(null, e);
}

//Halfyearlyclass6term1;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from Halfyearlyclass6term1 where class = '" + classNumber + "' and
section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishHalf1 = Double.parseDouble(rs2.getString("English"));
        double HindiHalf1 = Double.parseDouble(rs2.getString("Hindi"));
        double SanskritHalf1 = Double.parseDouble(rs2.getString("Sanskrit"));
        double MathematicsHalf1 = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceHalf1 = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesHalf1 = Double.parseDouble(rs2.getString("SocialStudies"));
    }
}

```

```

        double InformationTechHalf1 = Double.parseDouble(rs2.getString("InformationTech"));

        modelA.setValueAt(EnglishHalf1, 0, 4);
        modelA.setValueAt(HindiHalf1, 1, 4);
        modelA.setValueAt(SanskritHalf1, 2, 4);
        modelA.setValueAt(MathematicsHalf1, 3, 4);
        modelA.setValueAt(ScienceHalf1, 4, 4);
        modelA.setValueAt(SocialStudiesHalf1, 5, 4);
        modelA.setValueAt(InformationTechHalf1, 6, 4);
    }

    rs2.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass6Term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from SubjectEnrichmentClass6Term1 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich1 = Double.parseDouble(rs3.getString("English"));
        double HindiEnrich1 = Double.parseDouble(rs3.getString("Hindi"));
        double SanskritEnrich1 = Double.parseDouble(rs3.getString("Sanskrit"));
        double MathematicsEnrich1 = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich1 = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich1 = Double.parseDouble(rs3.getString("SocialStudies"));
        double InformationTechEnrich1 = Double.parseDouble(rs3.getString("InformationTech"));

        modelA.setValueAt(EnglishEnrich1, 0, 3);
        modelA.setValueAt(HindiEnrich1, 1, 3);
        modelA.setValueAt(SanskritEnrich1, 2, 3);
        modelA.setValueAt(MathematicsEnrich1, 3, 3);
        modelA.setValueAt(ScienceEnrich1, 4, 3);
        modelA.setValueAt(SocialStudiesEnrich1, 5, 3);
        modelA.setValueAt(InformationTechEnrich1, 6, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
}

```

```

        JOptionPane.showMessageDialog(null, e);
    }

    //Notebookclass6term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query4 = "select * from Notebookclass6term1 where class = '" + classNumber + "' and
section = '" + classSect + "' and roll = " + roll + "; ";

        ResultSet rs4 = stmt.executeQuery(query4);

        while(rs4.next())
        {
            double EnglishNB1 = Double.parseDouble(rs4.getString("English"));
            double HindiNB1 = Double.parseDouble(rs4.getString("Hindi"));
            double SanskritNB1 = Double.parseDouble(rs4.getString("Sanskrit"));
            double MathematicsNB1 = Double.parseDouble(rs4.getString("Mathematics"));
            double ScienceNB1 = Double.parseDouble(rs4.getString("Science"));
            double SocialStudiesNB1 = Double.parseDouble(rs4.getString("SocialStudies"));
            double InformationTechNB1 = Double.parseDouble(rs4.getString("InformationTech"));

            modelA.setValueAt(EnglishNB1, 0, 2);
            modelA.setValueAt(HindiNB1, 1, 2);
            modelA.setValueAt(SanskritNB1, 2, 2);
            modelA.setValueAt(MathematicsNB1, 3, 2);
            modelA.setValueAt(ScienceNB1, 4, 2);
            modelA.setValueAt(SocialStudiesNB1, 5, 2);
            modelA.setValueAt(InformationTechNB1, 6, 2);
        }
        rs4.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //PeriodicTestClass6term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query5 = "select * from PeriodicTestClass6term1 where class = '" + classNum.getText() +
" ' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";

        ResultSet rs5 = stmt.executeQuery(query5);

        while(rs5.next())
        {
            double EnglishBest1 = Double.parseDouble(rs5.getString("English"));
            double HindiBest1 = Double.parseDouble(rs5.getString("Hindi"));
            double SanskritBest1 = Double.parseDouble(rs5.getString("Sanskrit"));
        }
    }
}

```

```

        double MathematicsBest1 = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest1 = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest1 = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest1 = Double.parseDouble(rs5.getString("InformationTech"));

        modelA.setValueAt(EnglishBest1, 0, 1);
        modelA.setValueAt(HindiBest1, 1, 1);
        modelA.setValueAt(SanskritBest1, 2, 1);
        modelA.setValueAt(MathematicsBest1, 3, 1);
        modelA.setValueAt(ScienceBest1, 4, 1);
        modelA.setValueAt(SocialStudiesBest1, 5, 1);
        modelA.setValueAt(InformationTechBest1, 6, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
DefaultTableModel modelD = (DefaultTableModel) tableD.getModel();

//TERM 2
//finalclass6term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
    SS(100), IT(100), work, art, health, discipline, final, percentage, attend1, attend2, promotedclass, name

    String query6 = "select * from finalclass6term2 where class = '" + classNum.getText() + "'"
    and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";
    ResultSet rs6 = stmt.executeQuery(query6);

    while(rs6.next())
    {
        double English100 = Double.parseDouble(rs6.getString("English"));
        double Hindi100 = Double.parseDouble(rs6.getString("Hindi"));
        double Sanskrit100 = Double.parseDouble(rs6.getString("Sanskrit"));
        double Mathematics100 = Double.parseDouble(rs6.getString("Mathematics"));
        double Science100 = Double.parseDouble(rs6.getString("Science"));
        double SocialStudies100 = Double.parseDouble(rs6.getString("SocialStudies"));
        double InformationTech100 = Double.parseDouble(rs6.getString("InformationTech"));
        String WorkEducation100 = rs6.getString("WorkEducation");
        String ArtEducation100 = rs6.getString("ArtEducation");
        String Health_PE100 = rs6.getString("Health_PE");
        String Discipline = rs6.getString("Discipline");
        Double finalMarks = Double.parseDouble(rs6.getString("final"));
        Double percentage = Double.parseDouble(rs6.getString("percentage"));
    }
}

```

```
resultOutOf5002.setText(" " + finalMarks);
resultPercentage2.setText(" " + percentage);

modelB.setValueAt(English100, 0, 5);
modelB.setValueAt(Hindi100, 1, 5);
modelB.setValueAt(Sanskrit100, 2, 5);
modelB.setValueAt(Mathematics100, 3, 5);
modelB.setValueAt(Science100, 4, 5);
modelB.setValueAt(SocialStudies100, 5, 5);
modelB.setValueAt(InformationTech100, 6, 5);

modelD.setValueAt(WorkEducation100, 0, 1);
modelD.setValueAt(ArtEducation100, 1, 1);
modelD.setValueAt(Health_PE100, 2, 1);
modelD.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 91)
    {
        modelB.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 81 && (double) modelB.getValueAt(i,5) <= 90)
    {
        modelB.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 71 && (double) modelB.getValueAt(i,5) <= 80)
    {
        modelB.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 61 && (double) modelB.getValueAt(i,5) <= 70)
    {
        modelB.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 51 && (double) modelB.getValueAt(i,5) <= 60)
    {
        modelB.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 41 && (double) modelB.getValueAt(i,5) <= 50)
```

```

        {
            modelB.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelB.getValueAt(i,5) >= 33 && (double) modelB.getValueAt(i,5) <= 40)
        {
            modelB.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelB.getValueAt(i,5) <= 32)
        {
            modelB.setValueAt("E", i, 6);
        }
    }

    rs6.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Half yearly class 6 term 2;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query7 = "select * from Half yearly class 6 term 2 where class = '" + classNum.getText() +
" and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";

    ResultSet rs7 = stmt.executeQuery(query7);

    while(rs7.next())
    {
        double EnglishHalf2 = Double.parseDouble(rs7.getString("English"));
        double HindiHalf2 = Double.parseDouble(rs7.getString("Hindi"));
        double SanskritHalf2 = Double.parseDouble(rs7.getString("Sanskrit"));
        double MathematicsHalf2 = Double.parseDouble(rs7.getString("Mathematics"));
        double ScienceHalf2 = Double.parseDouble(rs7.getString("Science"));
        double SocialStudiesHalf2 = Double.parseDouble(rs7.getString("SocialStudies"));
        double InformationTechHalf2 = Double.parseDouble(rs7.getString("InformationTech"));

        modelB.setValueAt(EnglishHalf2, 0, 4);
        modelB.setValueAt(HindiHalf2, 1, 4);
        modelB.setValueAt(SanskritHalf2, 2, 4);
        modelB.setValueAt(MathematicsHalf2, 3, 4);
        modelB.setValueAt(ScienceHalf2, 4, 4);
        modelB.setValueAt(SocialStudiesHalf2, 5, 4);
    }
}

```

```

        modelBuilder.setValueAt(InformationTechHalf2, 6 , 4);
    }

    rs7.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass6Term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query8 = "select * from SubjectEnrichmentClass6Term2 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

    ResultSet rs8 = stmt.executeQuery(query8);

    while(rs8.next())
    {
        double EnglishEnrich2 = Double.parseDouble(rs8.getString("English"));
        double HindiEnrich2 = Double.parseDouble(rs8.getString("Hindi"));
        double SanskritEnrich2 = Double.parseDouble(rs8.getString("Sanskrit"));
        double MathematicsEnrich2 = Double.parseDouble(rs8.getString("Mathematics"));
        double ScienceEnrich2 = Double.parseDouble(rs8.getString("Science"));
        double SocialStudiesEnrich2 = Double.parseDouble(rs8.getString("SocialStudies"));
        double InformationTechEnrich2 = Double.parseDouble(rs8.getString("InformationTech"));

        modelBuilder.setValueAt(EnglishEnrich2, 0, 3);
        modelBuilder.setValueAt(HindiEnrich2, 1, 3);
        modelBuilder.setValueAt(SanskritEnrich2, 2, 3);
        modelBuilder.setValueAt(MathematicsEnrich2, 3, 3);
        modelBuilder.setValueAt(ScienceEnrich2, 4, 3);
        modelBuilder.setValueAt(SocialStudiesEnrich2, 5, 3);
        modelBuilder.setValueAt(InformationTechEnrich2, 6, 3);
    }

    rs8.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Notebookclass6term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");
}

```

```

Statement stmt = con.createStatement();
String query9 = "select * from Notebookclass6term2 where class = '" + classNum.getText() +
" and section = '" + class_Sect.getText() + "' and roll = " + rollNo.getText() + "; ";
ResultSet rs9 = stmt.executeQuery(query9);

while(rs9.next())
{
    double EnglishNB2 = Double.parseDouble(rs9.getString("English"));
    double HindiNB2 = Double.parseDouble(rs9.getString("Hindi"));
    double SanskritNB2 = Double.parseDouble(rs9.getString("Sanskrit"));
    double MathematicsNB2 = Double.parseDouble(rs9.getString("Mathematics"));
    double ScienceNB2 = Double.parseDouble(rs9.getString("Science"));
    double SocialStudiesNB2 = Double.parseDouble(rs9.getString("SocialStudies"));
    double InformationTechNB2 = Double.parseDouble(rs9.getString("InformationTech"));

    modelB.setValueAt(EnglishNB2, 0, 2);
    modelB.setValueAt(HindiNB2, 1, 2);
    modelB.setValueAt(SanskritNB2, 2, 2);
    modelB.setValueAt(MathematicsNB2, 3, 2);
    modelB.setValueAt(ScienceNB2, 4, 2);
    modelB.setValueAt(SocialStudiesNB2, 5, 2);
    modelB.setValueAt(InformationTechNB2, 6, 2);
}
rs9.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//PeriodicTestClass6term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query10 = "select * from PeriodicTestClass6term2 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";
    ResultSet rs10 = stmt.executeQuery(query10);

    while(rs10.next())
    {
        double EnglishBest2 = Double.parseDouble(rs10.getString("English"));
        double HindiBest2 = Double.parseDouble(rs10.getString("Hindi"));
        double SanskritBest2 = Double.parseDouble(rs10.getString("Sanskrit"));
        double MathematicsBest2 = Double.parseDouble(rs10.getString("Mathematics"));
        double ScienceBest2 = Double.parseDouble(rs10.getString("Science"));
        double SocialStudiesBest2 = Double.parseDouble(rs10.getString("SocialStudies"));
        double InformationTechBest2 = Double.parseDouble(rs10.getString("InformationTech"));

        modelB.setValueAt(EnglishBest2, 0, 1);
        modelB.setValueAt(HindiBest2, 1, 1);
    }
}

```

```
        modelBuilder.setValueAt(SanskritBest2, 2, 1);
        modelBuilder.setValueAt(MathematicsBest2, 3, 1);
        modelBuilder.setValueAt(ScienceBest2, 4, 1);
        modelBuilder.setValueAt(SocialStudiesBest2, 5, 1);
        modelBuilder.setValueAt(InformationTechBest2, 6, 1);
    }
    rs10.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
```

Back:

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

W E L S P U N

W E L S P U N

Let music (Melody) come to us from every side!

Class 7 Print Form

Class 7 Print Form

[Back](#)
Class: Section: Roll Number:

G.R. Number: Name: Academic Session: 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Na...	Periodic Test	Notebook	Subject Enr...	Half Yearly ...	Marks Obta...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Scie...						
Information...						

Total (out of 600):

Percentage:

Term 2

Subject Na...	Periodic Test	Notebook	Subject Enr...	Half Yearly ...	Marks Obta...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Scie...						
Information...						

Total (out of 600):

Percentage:

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 1

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

Term 1

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

Attendance: Days / DaysPromoted to Class: Name of Class Teacher:

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class7PrintForms extends javax.swing.JFrame {
    public static String classNumber;
    public static String classSect;
    public static int roll;
    public static String grNumber;
    public static String academicValue1;
    public static String academicValue2;
    public static String attendanceValue1;
    public static String attendanceValue2;
    public static String promotedClass;
    public static String nameOfTeacher;
}

```

```
public static String nameValue;
```

Get Print Results:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    //Term 1
    classNumber = "7";
    classSect = class_Sect.getText();
    roll = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    //CLASS 7 PRINT CODE

    //finalclass7term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
        "root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        String query1 = "select * from finalclass7term1 where class = '" + classNumber + "' and
        section = '" + classSect + "' and rollNo = " + roll + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            int acad1 = rs.getInt("academic1");
            int acad2 = rs.getInt("academic2");
            double English100 = rs.getDouble("English");
            double Hindi100 = rs.getDouble("Hindi");
            double Sanskrit100 = rs.getDouble("Sanskrit");
            double Mathematics100 = rs.getDouble("Mathematics");
            double Science100 = rs.getDouble("Science");
            double SocialStudies100 = rs.getDouble("SocialStudies");
            double InformationTech100 = rs.getDouble("InformationTech");
            String WorkEducation100 = rs.getString("WorkEducation");
            String ArtEducation100 = rs.getString("ArtEducation");
            String Health_PE100 = rs.getString("Health_PE");
            String Discipline = rs.getString("Discipline");
            double finalMarks = rs.getDouble("final");
            double percentage = rs.getDouble("percentage");
            int attend1 = rs.getInt("attend1");
            int attend2 = rs.getInt("attend2");
        }
    }
```

```
String promotedClass = rs.getString("promotedclass");
String nameSQL = rs.getString("name");
String teacher = rs.getString("classTeacher");

name.setText(nameSQL);
grNum.setText(" " + grNumber);
academic1.setText(" " + acad1);
academic2.setText(" " + acad2);
resultOutOf5001.setText(" " + finalMarks);
resultPercentage1.setText(" " + percentage);
attendance1.setText(" " + attend1);
attendance2.setText(" " + attend2);
promotedToClass.setText(promotedClass);
nameTeacher.setText(teacher);

modelA.setValueAt(English100, 0, 5);
modelA.setValueAt(Hindi100, 1, 5);
modelA.setValueAt(Sanskrit100, 2, 5);
modelA.setValueAt(Mathematics100, 3, 5);
modelA.setValueAt(Science100, 4, 5);
modelA.setValueAt(SocialStudies100, 5, 5);
modelA.setValueAt(InformationTech100, 6, 5);

modelC.setValueAt(WorkEducation100, 0, 1);
modelC.setValueAt(ArtEducation100, 1, 1);
modelC.setValueAt(Health_PE100, 2, 1);
modelC.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 91)
    {
        modelA.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 81 && (double) modelA.getValueAt(i, 5) <= 90)
    {
        modelA.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 71 && (double) modelA.getValueAt(i, 5) <= 80)
    {
        modelA.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 61 && (double) modelA.getValueAt(i, 5) <= 70)
    {
        modelA.setValueAt("B2", i, 6);
    }
}
```

```

        for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 51 && (double) modelA.getValueAt(i,5) <= 60)
        {
            modelA.setValueAt("C1", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 41 && (double) modelA.getValueAt(i,5) <= 50)
        {
            modelA.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 33 && (double) modelA.getValueAt(i,5) <= 40)
        {
            modelA.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Half yearly class 7 term 1;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from Half yearly class 7 term 1 where class = '" + classNumber + "' and
section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishHalf1 = Double.parseDouble(rs2.getString("English"));
        double HindiHalf1 = Double.parseDouble(rs2.getString("Hindi"));
    }
}

```

```

        double SanskritHalf1 = Double.parseDouble(rs2.getString("Sanskrit"));
        double MathematicsHalf1 = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceHalf1 = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesHalf1 = Double.parseDouble(rs2.getString("SocialStudies"));
        double InformationTechHalf1 = Double.parseDouble(rs2.getString("InformationTech"));

        modelA.setValueAt(EnglishHalf1, 0, 4);
        modelA.setValueAt(HindiHalf1, 1, 4);
        modelA.setValueAt(SanskritHalf1, 2, 4);
        modelA.setValueAt(MathematicsHalf1, 3, 4);
        modelA.setValueAt(ScienceHalf1, 4, 4);
        modelA.setValueAt(SocialStudiesHalf1, 5, 4);
        modelA.setValueAt(InformationTechHalf1, 6, 4);
    }

    rs2.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass7Term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from SubjectEnrichmentClass7Term1 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";
    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich1 = Double.parseDouble(rs3.getString("English"));
        double HindiEnrich1 = Double.parseDouble(rs3.getString("Hindi"));
        double SanskritEnrich1 = Double.parseDouble(rs3.getString("Sanskrit"));
        double MathematicsEnrich1 = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich1 = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich1 = Double.parseDouble(rs3.getString("SocialStudies"));
        double InformationTechEnrich1 = Double.parseDouble(rs3.getString("InformationTech"));

        modelA.setValueAt(EnglishEnrich1, 0, 3);
        modelA.setValueAt(HindiEnrich1, 1, 3);
        modelA.setValueAt(SanskritEnrich1, 2, 3);
        modelA.setValueAt(MathematicsEnrich1, 3, 3);
        modelA.setValueAt(ScienceEnrich1, 4, 3);
        modelA.setValueAt(SocialStudiesEnrich1, 5, 3);
        modelA.setValueAt(InformationTechEnrich1, 6, 3);
    }

    rs3.close();
    stmt.close();
}

```

```

        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //Notebookclass7term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query4 = "select * from Notebookclass7term1 where class = '" + classNumber + "' and
section = '" + classSect + "' and roll = " + roll + "; ";

        ResultSet rs4 = stmt.executeQuery(query4);

        while(rs4.next())
        {
            double EnglishNB1 = Double.parseDouble(rs4.getString("English"));
            double HindiNB1 = Double.parseDouble(rs4.getString("Hindi"));
            double SanskritNB1 = Double.parseDouble(rs4.getString("Sanskrit"));
            double MathematicsNB1 = Double.parseDouble(rs4.getString("Mathematics"));
            double ScienceNB1 = Double.parseDouble(rs4.getString("Science"));
            double SocialStudiesNB1 = Double.parseDouble(rs4.getString("SocialStudies"));
            double InformationTechNB1 = Double.parseDouble(rs4.getString("InformationTech"));

            modelA.setValueAt(EnglishNB1, 0, 2);
            modelA.setValueAt(HindiNB1, 1, 2);
            modelA.setValueAt(SanskritNB1, 2, 2);
            modelA.setValueAt(MathematicsNB1, 3, 2);
            modelA.setValueAt(ScienceNB1, 4, 2);
            modelA.setValueAt(SocialStudiesNB1, 5, 2);
            modelA.setValueAt(InformationTechNB1, 6, 2);
        }
        rs4.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //PeriodicTestClass7term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query5 = "select * from PeriodicTestClass7term1 where class = '" + classNum.getText() +
+ "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";

        ResultSet rs5 = stmt.executeQuery(query5);

        while(rs5.next())
    }

```

```

    {
        double EnglishBest1 = Double.parseDouble(rs5.getString("English"));
        double HindiBest1 = Double.parseDouble(rs5.getString("Hindi"));
        double SanskritBest1 = Double.parseDouble(rs5.getString("Sanskrit"));
        double MathematicsBest1 = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest1 = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest1 = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest1 = Double.parseDouble(rs5.getString("InformationTech"));

        modelA.setValueAt(EnglishBest1, 0, 1);
        modelA.setValueAt(HindiBest1, 1, 1);
        modelA.setValueAt(SanskritBest1, 2, 1);
        modelA.setValueAt(MathematicsBest1, 3, 1);
        modelA.setValueAt(ScienceBest1, 4, 1);
        modelA.setValueAt(SocialStudiesBest1, 5, 1);
        modelA.setValueAt(InformationTechBest1, 6, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
DefaultTableModel modelD = (DefaultTableModel) tableD.getModel();

//TERM 2
//finalclass7term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");
    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
    SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name

    String query6 = "select * from finalclass7term2 where class = '" + classNum.getText() + "'"
    and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";
    ResultSet rs6 = stmt.executeQuery(query6);

    while(rs6.next())
    {
        double English100 = Double.parseDouble(rs6.getString("English"));
        double Hindi100 = Double.parseDouble(rs6.getString("Hindi"));
        double Sanskrit100 = Double.parseDouble(rs6.getString("Sanskrit"));
        double Mathematics100 = Double.parseDouble(rs6.getString("Mathematics"));
        double Science100 = Double.parseDouble(rs6.getString("Science"));
        double SocialStudies100 = Double.parseDouble(rs6.getString("SocialStudies"));
        double InformationTech100 = Double.parseDouble(rs6.getString("InformationTech"));
        String WorkEducation100 = rs6.getString("WorkEducation");
        String ArtEducation100 = rs6.getString("ArtEducation");
        String Health_PE100 = rs6.getString("Health_PE");
    }
}

```

```
String Discipline = rs6.getString("Discipline");
Double finalMarks = Double.parseDouble(rs6.getString("final"));
Double percentage = Double.parseDouble(rs6.getString("percentage"));

resultOutOf5002.setText("" + finalMarks);
resultPercentage2.setText("" + percentage);

modelB.setValueAt(English100, 0, 5);
modelB.setValueAt(Hindi100, 1, 5);
modelB.setValueAt(Sanskrit100, 2, 5);
modelB.setValueAt(Mathematics100, 3, 5);
modelB.setValueAt(Science100, 4, 5);
modelB.setValueAt(SocialStudies100, 5, 5);
modelB.setValueAt(InformationTech100, 6, 5);

modelD.setValueAt(WorkEducation100, 0, 1);
modelD.setValueAt(ArtEducation100, 1, 1);
modelD.setValueAt(Health_PE100, 2, 1);
modelD.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 91)
    {
        modelB.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 81 && (double) modelB.getValueAt(i,5) <= 90)
    {
        modelB.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 71 && (double) modelB.getValueAt(i,5) <= 80)
    {
        modelB.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 61 && (double) modelB.getValueAt(i,5) <= 70)
    {
        modelB.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 51 && (double) modelB.getValueAt(i,5) <= 60)
    {
        modelB.setValueAt("C1", i, 6);
    }
}
```

```

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 41 && (double) modelB.getValueAt(i,5) <= 50)
    {
        modelB.setValueAt("C2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 33 && (double) modelB.getValueAt(i,5) <= 40)
    {
        modelB.setValueAt("D", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) <= 32)
    {
        modelB.setValueAt("E", i, 6);
    }
}

rs6.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Halfyearlyclass7term2;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query7 = "select * from Halfyearlyclass7term2 where class = '" + classNum.getText() +
" and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";

    ResultSet rs7 = stmt.executeQuery(query7);

    while(rs7.next())
    {
        double EnglishHalf2 = Double.parseDouble(rs7.getString("English"));
        double HindiHalf2 = Double.parseDouble(rs7.getString("Hindi"));
        double SanskritHalf2 = Double.parseDouble(rs7.getString("Sanskrit"));
        double MathematicsHalf2 = Double.parseDouble(rs7.getString("Mathematics"));
        double ScienceHalf2 = Double.parseDouble(rs7.getString("Science"));
        double SocialStudiesHalf2 = Double.parseDouble(rs7.getString("SocialStudies"));
        double InformationTechHalf2 = Double.parseDouble(rs7.getString("InformationTech"));

        modelB.setValueAt(EnglishHalf2, 0, 4);
        modelB.setValueAt(HindiHalf2, 1, 4);
    }
}

```

```

        modelBuilder.setValueAt(SanskritHalf2, 2, 4);
        modelBuilder.setValueAt(MathematicsHalf2, 3, 4);
        modelBuilder.setValueAt(ScienceHalf2, 4, 4);
        modelBuilder.setValueAt(SocialStudiesHalf2, 5, 4);
        modelBuilder.setValueAt(InformationTechHalf2, 6, 4);
    }

    rs7.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass7Term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query8 = "select * from SubjectEnrichmentClass7Term2 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

    ResultSet rs8 = stmt.executeQuery(query8);

    while(rs8.next())
    {
        double EnglishEnrich2 = Double.parseDouble(rs8.getString("English"));
        double HindiEnrich2 = Double.parseDouble(rs8.getString("Hindi"));
        double SanskritEnrich2 = Double.parseDouble(rs8.getString("Sanskrit"));
        double MathematicsEnrich2 = Double.parseDouble(rs8.getString("Mathematics"));
        double ScienceEnrich2 = Double.parseDouble(rs8.getString("Science"));
        double SocialStudiesEnrich2 = Double.parseDouble(rs8.getString("SocialStudies"));
        double InformationTechEnrich2 = Double.parseDouble(rs8.getString("InformationTech"));

        modelBuilder.setValueAt(EnglishEnrich2, 0, 3);
        modelBuilder.setValueAt(HindiEnrich2, 1, 3);
        modelBuilder.setValueAt(SanskritEnrich2, 2, 3);
        modelBuilder.setValueAt(MathematicsEnrich2, 3, 3);
        modelBuilder.setValueAt(ScienceEnrich2, 4, 3);
        modelBuilder.setValueAt(SocialStudiesEnrich2, 5, 3);
        modelBuilder.setValueAt(InformationTechEnrich2, 6, 3);
    }

    rs8.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Notebookclass7term2

```

```

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query9 = "select * from Notebookclass7term2 where class = '" + classNum.getText() +
" and section = '" + class_Sect.getText() + "' and roll = " + rollNo.getText() + "; ";
    ResultSet rs9 = stmt.executeQuery(query9);

    while(rs9.next())
    {
        double EnglishNB2 = Double.parseDouble(rs9.getString("English"));
        double HindiNB2 = Double.parseDouble(rs9.getString("Hindi"));
        double SanskritNB2 = Double.parseDouble(rs9.getString("Sanskrit"));
        double MathematicsNB2 = Double.parseDouble(rs9.getString("Mathematics"));
        double ScienceNB2 = Double.parseDouble(rs9.getString("Science"));
        double SocialStudiesNB2 = Double.parseDouble(rs9.getString("SocialStudies"));
        double InformationTechNB2 = Double.parseDouble(rs9.getString("InformationTech"));

        modelB.setValueAt(EnglishNB2, 0, 2);
        modelB.setValueAt(HindiNB2, 1, 2);
        modelB.setValueAt(SanskritNB2, 2, 2);
        modelB.setValueAt(MathematicsNB2, 3, 2);
        modelB.setValueAt(ScienceNB2, 4, 2);
        modelB.setValueAt(SocialStudiesNB2, 5, 2);
        modelB.setValueAt(InformationTechNB2, 6, 2);
    }
    rs9.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//PeriodicTestClass7term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query10 = "select * from PeriodicTestClass7term2 where class = '" + classNum.getText() +
" and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";
    ResultSet rs10 = stmt.executeQuery(query10);

    while(rs10.next())
    {
        double EnglishBest2 = Double.parseDouble(rs10.getString("English"));
        double HindiBest2 = Double.parseDouble(rs10.getString("Hindi"));
        double SanskritBest2 = Double.parseDouble(rs10.getString("Sanskrit"));
        double MathematicsBest2 = Double.parseDouble(rs10.getString("Mathematics"));
        double ScienceBest2 = Double.parseDouble(rs10.getString("Science"));
        double SocialStudiesBest2 = Double.parseDouble(rs10.getString("SocialStudies"));
    }
}

```

```
        double InformationTechBest2 = Double.parseDouble(rs10.getString("InformationTech"));

        modelB.setValueAt(EnglishBest2, 0, 1);
        modelB.setValueAt(HindiBest2, 1, 1);
        modelB.setValueAt(SanskritBest2, 2, 1);
        modelB.setValueAt(MathematicsBest2, 3, 1);
        modelB.setValueAt(ScienceBest2, 4, 1);
        modelB.setValueAt(SocialStudiesBest2, 5, 1);
        modelB.setValueAt(InformationTechBest2, 6, 1);
    }
    rs10.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
```

Back:

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

W E L S P U N

W E L S P U N

Let music温暖你 come to us from every side

Class 8 Print Form

Class 8 Print Form

[Back](#)
Class: **8**Section: Roll Number:

G.R. Number: Name: Academic Session: 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Na...	Periodic Test	Notebook	Subject Enr...	Half Yearly ...	Marks Obta...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Scie...						
Information...						

Term 2

Subject Na...	Periodic Test	Notebook	Subject Enr...	Half Yearly ...	Marks Obta...	Grade
English						
Hindi						
Sanskrit						
Mathematics						
Science						
Social Scie...						
Information...						

Total (out of 600):

Percentage:

Total (out of 600):

Percentage:

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 1

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

Term 1

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

Attendance:

Days /

 DaysPromoted to Class: Name of Class Teacher: Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class8PrintForm extends javax.swing.JFrame {
    public static String classNumber;
    public static String classSect;
    public static int roll;
    public static String grNumber;
    public static String academicValue1;
    public static String academicValue2;
    public static String attendanceValue1;
    public static String attendanceValue2;
}

```

```
public static String promotedClass;
public static String nameOfTeacher;
public static String nameValue;
```

Get Print Results:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    //Term 1
    classNumber = "8";
    classSect = class_Sect.getText();
    roll = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    //CLASS 8 PRINT CODE

    //finalclass8term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
        "root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name

        String query1 = "select * from finalclass8term1 where class = '" + classNumber + "' and
        section = '" + classSect + "' and rollNo = " + roll + ";";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            //JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            int acad1 = rs.getInt("academic1");
            int acad2 = rs.getInt("academic2");
            double English100 = rs.getDouble("English");
            double Hindi100 = rs.getDouble("Hindi");
            double Sanskrit100 = rs.getDouble("Sanskrit");
            double Mathematics100 = rs.getDouble("Mathematics");
            double Science100 = rs.getDouble("Science");
            double SocialStudies100 = rs.getDouble("SocialStudies");
            double InformationTech100 = rs.getDouble("InformationTech");
            String WorkEducation100 = rs.getString("WorkEducation");
            String ArtEducation100 = rs.getString("ArtEducation");
            String Health_PE100 = rs.getString("Health_PE");
            String Discipline = rs.getString("Discipline");
            double finalMarks = rs.getDouble("final");
            double percentage = rs.getDouble("percentage");
            int attend1 = rs.getInt("attend1");
            int attend2 = rs.getInt("attend2");
            String promotedClass = rs.getString("promotedclass");
            String nameSQL = rs.getString("name");
            String teacher = rs.getString("classTeacher");
```

```
name.setText(nameSQL);
grNum.setText(" " + grNumber);
academic1.setText(" " + acad1);
academic2.setText(" " + acad2);
resultOutOf5001.setText(" " + finalMarks);
resultPercentage1.setText(" " + percentage);
attendance1.setText(" " + attend1);
attendance2.setText(" " + attend2);
promotedToClass.setText(promotedClass);
nameTeacher.setText(teacher);

modelA.setValueAt(English100, 0, 5);
modelA.setValueAt(Hindi100, 1, 5);
modelA.setValueAt(Sanskrit100, 2, 5);
modelA.setValueAt(Mathematics100, 3, 5);
modelA.setValueAt(Science100, 4, 5);
modelA.setValueAt(SocialStudies100, 5, 5);
modelA.setValueAt(InformationTech100, 6, 5);

modelC.setValueAt(WorkEducation100, 0, 1);
modelC.setValueAt(ArtEducation100, 1, 1);
modelC.setValueAt(Health_PE100, 2, 1);
modelC.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 91)
    {
        modelA.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 81 && (double) modelA.getValueAt(i, 5) <= 90)
    {
        modelA.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 71 && (double) modelA.getValueAt(i, 5) <= 80)
    {
        modelA.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 61 && (double) modelA.getValueAt(i, 5) <= 70)
    {
        modelA.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 51 && (double) modelA.getValueAt(i, 5) <= 60)
```

```

        {
            modelA.setValueAt("C1", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 41 && (double) modelA.getValueAt(i,5) <= 50)
        {
            modelA.setValueAt("C2", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 33 && (double) modelA.getValueAt(i,5) <= 40)
        {
            modelA.setValueAt("D", i, 6);
        }
    }

    for (int i = 0; i < 7; i++)
    {
        if ((double) modelA.getValueAt(i,5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }
}

rs.close();
stmt.close();
con.close();
}

catch (Exception e){
    JOptionPane.showMessageDialog(null, e);
}

//Halfyearlyclass8term1;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from Halfyearlyclass8term1 where class = '" + classNumber + "' and
section = '" + classSect + "' and rollNo = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishHalf1 = Double.parseDouble(rs2.getString("English"));
        double HindiHalf1 = Double.parseDouble(rs2.getString("Hindi"));
        double SanskritHalf1 = Double.parseDouble(rs2.getString("Sanskrit"));
        double MathematicsHalf1 = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceHalf1 = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesHalf1 = Double.parseDouble(rs2.getString("SocialStudies"));
    }
}

```

```

        double InformationTechHalf1 = Double.parseDouble(rs2.getString("InformationTech"));

        modelA.setValueAt(EnglishHalf1, 0, 4);
        modelA.setValueAt(HindiHalf1, 1, 4);
        modelA.setValueAt(SanskritHalf1, 2, 4);
        modelA.setValueAt(MathematicsHalf1, 3, 4);
        modelA.setValueAt(ScienceHalf1, 4, 4);
        modelA.setValueAt(SocialStudiesHalf1, 5, 4);
        modelA.setValueAt(InformationTechHalf1, 6, 4);
    }

    rs2.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass8Term1
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from SubjectEnrichmentClass8Term1 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich1 = Double.parseDouble(rs3.getString("English"));
        double HindiEnrich1 = Double.parseDouble(rs3.getString("Hindi"));
        double SanskritEnrich1 = Double.parseDouble(rs3.getString("Sanskrit"));
        double MathematicsEnrich1 = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich1 = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich1 = Double.parseDouble(rs3.getString("SocialStudies"));
        double InformationTechEnrich1 = Double.parseDouble(rs3.getString("InformationTech"));

        modelA.setValueAt(EnglishEnrich1, 0, 3);
        modelA.setValueAt(HindiEnrich1, 1, 3);
        modelA.setValueAt(SanskritEnrich1, 2, 3);
        modelA.setValueAt(MathematicsEnrich1, 3, 3);
        modelA.setValueAt(ScienceEnrich1, 4, 3);
        modelA.setValueAt(SocialStudiesEnrich1, 5, 3);
        modelA.setValueAt(InformationTechEnrich1, 6, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
}

```

```

        JOptionPane.showMessageDialog(null, e);
    }

    //Notebookclass8term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query4 = "select * from Notebookclass8term1 where class = '" + classNumber + "' and
section = '" + classSect + "' and roll = " + roll + "; ";

        ResultSet rs4 = stmt.executeQuery(query4);

        while(rs4.next())
        {
            double EnglishNB1 = Double.parseDouble(rs4.getString("English"));
            double HindiNB1 = Double.parseDouble(rs4.getString("Hindi"));
            double SanskritNB1 = Double.parseDouble(rs4.getString("Sanskrit"));
            double MathematicsNB1 = Double.parseDouble(rs4.getString("Mathematics"));
            double ScienceNB1 = Double.parseDouble(rs4.getString("Science"));
            double SocialStudiesNB1 = Double.parseDouble(rs4.getString("SocialStudies"));
            double InformationTechNB1 = Double.parseDouble(rs4.getString("InformationTech"));

            modelA.setValueAt(EnglishNB1, 0, 2);
            modelA.setValueAt(HindiNB1, 1, 2);
            modelA.setValueAt(SanskritNB1, 2, 2);
            modelA.setValueAt(MathematicsNB1, 3, 2);
            modelA.setValueAt(ScienceNB1, 4, 2);
            modelA.setValueAt(SocialStudiesNB1, 5, 2);
            modelA.setValueAt(InformationTechNB1, 6, 2);
        }
        rs4.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //PeriodicTestClass8term1
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query5 = "select * from PeriodicTestClass8term1 where class = '" + classNum.getText() +
" ' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";

        ResultSet rs5 = stmt.executeQuery(query5);

        while(rs5.next())
        {
            double EnglishBest1 = Double.parseDouble(rs5.getString("English"));
            double HindiBest1 = Double.parseDouble(rs5.getString("Hindi"));
            double SanskritBest1 = Double.parseDouble(rs5.getString("Sanskrit"));
        }
    }
}

```

```

        double MathematicsBest1 = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest1 = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest1 = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest1 = Double.parseDouble(rs5.getString("InformationTech"));

        modelA.setValueAt(EnglishBest1, 0, 1);
        modelA.setValueAt(HindiBest1, 1, 1);
        modelA.setValueAt(SanskritBest1, 2, 1);
        modelA.setValueAt(MathematicsBest1, 3, 1);
        modelA.setValueAt(ScienceBest1, 4, 1);
        modelA.setValueAt(SocialStudiesBest1, 5, 1);
        modelA.setValueAt(InformationTechBest1, 6, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
DefaultTableModel modelD = (DefaultTableModel) tableD.getModel();

//TERM 2
//finalclass8term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
    SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

    String query6 = "select * from finalclass8term2 where class = '" + classNum.getText() + "'"
and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";

    ResultSet rs6 = stmt.executeQuery(query6);

    while(rs6.next())
    {
        double English100 = Double.parseDouble(rs6.getString("English"));
        double Hindi100 = Double.parseDouble(rs6.getString("Hindi"));
        double Sanskrit100 = Double.parseDouble(rs6.getString("Sanskrit"));
        double Mathematics100 = Double.parseDouble(rs6.getString("Mathematics"));
        double Science100 = Double.parseDouble(rs6.getString("Science"));
        double SocialStudies100 = Double.parseDouble(rs6.getString("SocialStudies"));
        double InformationTech100 = Double.parseDouble(rs6.getString("InformationTech"));
        String WorkEducation100 = rs6.getString("WorkEducation");
        String ArtEducation100 = rs6.getString("ArtEducation");
        String Health_PE100 = rs6.getString("Health_PE");
        String Discipline = rs6.getString("Discipline");
        Double finalMarks = Double.parseDouble(rs6.getString("final"));
        Double percentage = Double.parseDouble(rs6.getString("percentage"));

        resultOutOf5002.setText(" " + finalMarks);
    }
}

```

```
resultPercentage2.setText(" " + percentage);

modelB.setValueAt(English100, 0, 5);
modelB.setValueAt(Hindi100, 1, 5);
modelB.setValueAt(Sanskrit100, 2, 5);
modelB.setValueAt(Mathematics100, 3, 5);
modelB.setValueAt(Science100, 4, 5);
modelB.setValueAt(SocialStudies100, 5, 5);
modelB.setValueAt(InformationTech100, 6, 5);

modelD.setValueAt(WorkEducation100, 0, 1);
modelD.setValueAt(ArtEducation100, 1, 1);
modelD.setValueAt(Health_PE100, 2, 1);
modelD.setValueAt(Discipline, 3, 1);

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 91)
    {
        modelB.setValueAt("A1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 81 && (double) modelB.getValueAt(i,5) <= 90)
    {
        modelB.setValueAt("A2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 71 && (double) modelB.getValueAt(i,5) <= 80)
    {
        modelB.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 61 && (double) modelB.getValueAt(i,5) <= 70)
    {
        modelB.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 51 && (double) modelB.getValueAt(i,5) <= 60)
    {
        modelB.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i,5) >= 41 && (double) modelB.getValueAt(i,5) <= 50)
    {
```

```

        modelB.setValueAt("C2", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) >= 33 && (double) modelB.getValueAt(i, 5) <= 40)
    {
        modelB.setValueAt("D", i, 6);
    }
}

for (int i = 0; i < 7; i++)
{
    if ((double) modelB.getValueAt(i, 5) <= 32)
    {
        modelB.setValueAt("E", i, 6);
    }
}

rs6.close();
stmt.close();
con.close();
}

catch (Exception e)
{
    JOptionPane.showMessageDialog(null, e);
}

//Half yearly class 8 term 2;
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query7 = "select * from Halfyearlyclass8term2 where class = '" + classNum.getText() +
"' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";

    ResultSet rs7 = stmt.executeQuery(query7);

    while(rs7.next())
    {
        double EnglishHalf2 = Double.parseDouble(rs7.getString("English"));
        double HindiHalf2 = Double.parseDouble(rs7.getString("Hindi"));
        double SanskritHalf2 = Double.parseDouble(rs7.getString("Sanskrit"));
        double MathematicsHalf2 = Double.parseDouble(rs7.getString("Mathematics"));
        double ScienceHalf2 = Double.parseDouble(rs7.getString("Science"));
        double SocialStudiesHalf2 = Double.parseDouble(rs7.getString("SocialStudies"));
        double InformationTechHalf2 = Double.parseDouble(rs7.getString("InformationTech"));

        modelB.setValueAt(EnglishHalf2, 0, 4);
        modelB.setValueAt(HindiHalf2, 1, 4);
        modelB.setValueAt(SanskritHalf2, 2, 4);
        modelB.setValueAt(MathematicsHalf2, 3, 4);
        modelB.setValueAt(ScienceHalf2, 4, 4);
        modelB.setValueAt(SocialStudiesHalf2, 5, 4);
        modelB.setValueAt(InformationTechHalf2, 6 , 4);
    }
}
}

```

```

    }

    rs7.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass8Term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query8 = "select * from SubjectEnrichmentClass8Term2 where class = '" +
classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() +
"'; ";

    ResultSet rs8 = stmt.executeQuery(query8);

    while(rs8.next())
    {
        double EnglishEnrich2 = Double.parseDouble(rs8.getString("English"));
        double HindiEnrich2 = Double.parseDouble(rs8.getString("Hindi"));
        double SanskritEnrich2 = Double.parseDouble(rs8.getString("Sanskrit"));
        double MathematicsEnrich2 = Double.parseDouble(rs8.getString("Mathematics"));
        double ScienceEnrich2 = Double.parseDouble(rs8.getString("Science"));
        double SocialStudiesEnrich2 = Double.parseDouble(rs8.getString("SocialStudies"));
        double InformationTechEnrich2 = Double.parseDouble(rs8.getString("InformationTech"));

        modelB.setValueAt(EnglishEnrich2, 0, 3);
        modelB.setValueAt(HindiEnrich2, 1, 3);
        modelB.setValueAt(SanskritEnrich2, 2, 3);
        modelB.setValueAt(MathematicsEnrich2, 3, 3);
        modelB.setValueAt(ScienceEnrich2, 4, 3);
        modelB.setValueAt(SocialStudiesEnrich2, 5, 3);
        modelB.setValueAt(InformationTechEnrich2, 6, 3);
    }

    rs8.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Notebookclass8term2
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");
}

```

```

        Statement stmt = con.createStatement();
        String query9 = "select * from Notebookclass8term2 where class = '" + classNum.getText() +
        "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + "; ";
        ResultSet rs9 = stmt.executeQuery(query9);

        while(rs9.next())
        {
            double EnglishNB2 = Double.parseDouble(rs9.getString("English"));
            double HindiNB2 = Double.parseDouble(rs9.getString("Hindi"));
            double SanskritNB2 = Double.parseDouble(rs9.getString("Sanskrit"));
            double MathematicsNB2 = Double.parseDouble(rs9.getString("Mathematics"));
            double ScienceNB2 = Double.parseDouble(rs9.getString("Science"));
            double SocialStudiesNB2 = Double.parseDouble(rs9.getString("SocialStudies"));
            double InformationTechNB2 = Double.parseDouble(rs9.getString("InformationTech"));

            modelB.setValueAt(EnglishNB2, 0, 2);
            modelB.setValueAt(HindiNB2, 1, 2);
            modelB.setValueAt(SanskritNB2, 2, 2);
            modelB.setValueAt(MathematicsNB2, 3, 2);
            modelB.setValueAt(ScienceNB2, 4, 2);
            modelB.setValueAt(SocialStudiesNB2, 5, 2);
            modelB.setValueAt(InformationTechNB2, 6, 2);
        }
        rs9.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //PeriodicTestClass8term2
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
        "root", "ankit");

        Statement stmt = con.createStatement();
        String query10 = "select * from PeriodicTestClass8term2 where class = '" +
        classNum.getText() + "' and section = '" + class_Sect.getText() + "' and rollNo = " + rollNo.getText() + ";
        ";

        ResultSet rs10 = stmt.executeQuery(query10);

        while(rs10.next())
        {
            double EnglishBest2 = Double.parseDouble(rs10.getString("English"));
            double HindiBest2 = Double.parseDouble(rs10.getString("Hindi"));
            double SanskritBest2 = Double.parseDouble(rs10.getString("Sanskrit"));
            double MathematicsBest2 = Double.parseDouble(rs10.getString("Mathematics"));
            double ScienceBest2 = Double.parseDouble(rs10.getString("Science"));
            double SocialStudiesBest2 = Double.parseDouble(rs10.getString("SocialStudies"));
            double InformationTechBest2 = Double.parseDouble(rs10.getString("InformationTech"));

            modelB.setValueAt(EnglishBest2, 0, 1);
            modelB.setValueAt(HindiBest2, 1, 1);
            modelB.setValueAt(SanskritBest2, 2, 1);
        }
    }
}

```

```
        modelB.setValueAt(MathematicsBest2, 3, 1);
        modelB.setValueAt(ScienceBest2, 4, 1);
        modelB.setValueAt(SocialStudiesBest2, 5, 1);
        modelB.setValueAt(InformationTechBest2, 6, 1);
    }
    rs10.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
```

Back:

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

The Welspun logo consists of the word "WELSPUN" in a bold, sans-serif font. The letters are a light grey color, and the background behind them is a stylized green and yellow pattern resembling a field of crops or a textured surface.A row of small, semi-transparent navigation icons typically found in Java Swing applications. From left to right, they include: a back arrow, a forward arrow, a magnifying glass, a search icon, a list icon, a document icon, a file icon, a help icon, and a settings gear icon.A faint, semi-transparent watermark-like text overlay that reads "Let Positive Thinking Come to us from every side!"

Class 9 Result Form

Class 9 Result Form

[Back](#)
G.R. Number: Class: Roll Number: Section: Name:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / DaysPromoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Subject Name	Perio...	Noteb...	Subje...	HY Ex...	Marks...	Grade
English						
Hindi/Sanskrit						
Mathematics						
Science						
Social Science						
Information Technology						

Total (out of 600):

Percentage:

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Areas	Grade
Work Education (Pre-Vo...	
Art Education	
Health & Physical Educa...	
Discipline	

Need To Import/Global:

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;
```

Calculate:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();

    boolean allow1 = false;
    boolean allow2 = false;
    boolean allow3 = false;
```

```
boolean allow4 = false;

//Show pop-up dialog restricting the data values
for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,1) <= 10 && (double) modelA.getValueAt(i,1) >= 0)
    {
        allow1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 10 and Min value allowed is 0.
Re-enter Data Value");
        allow1 = false;
        break;
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 5 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min value allowed is 0.
Re-enter Data Value");
        allow2 = false;
        break;
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 5 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min value allowed is 0.
Re-enter Data Value");
        allow3 = false;
        break;
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 80 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4 = true;
    }

    else
```

```

    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 80 and Min value allowed is 0.
Re-enter Data Value");
        allow4 = false;
        break;
    }
}

if (allow1 == true && allow2 == true && allow3 == true && allow4 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(0,2) +
(double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksHindiSanskrit = (double) modelA.getValueAt(1,1) + (double)
modelA.getValueAt(1,2) + (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksMathematics = (double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(2,2) +
(double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksScience = (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(3,2) +
(double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksSocialStudies = (double) modelA.getValueAt(4,1) + (double)
modelA.getValueAt(4,2) + (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksInformationTech = (double) modelA.getValueAt(5,1) + (double)
modelA.getValueAt(5,2) + (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksHindiSanskrit, 1, 5);
    modelA.setValueAt(marksMathematics, 2, 5);
    modelA.setValueAt(marksScience, 3, 5);
    modelA.setValueAt(marksSocialStudies, 4, 5);
    modelA.setValueAt(marksInformationTech, 5, 5);

    double totalMarks = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5);
    double percentage = totalMarks / 500 * 100;

    resultOutOf500.setText("" + totalMarks);
    resultPercentage.setText("" + percentage + " %");

    //Give letter grades according to percentage
    for (int i = 0; i < 6; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 91)
        {
            modelA.setValueAt("A1", i, 6);
        }
    }

    for (int i = 0; i < 6; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 81 && (double) modelA.getValueAt(i,5) <= 90)
        {
            modelA.setValueAt("A2", i, 6);
        }
    }

    for (int i = 0; i < 6; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 71 && (double) modelA.getValueAt(i,5) <= 80)
        {
            modelA.setValueAt("B1", i, 6);
        }
    }
}

```

```

for (int i = 0; i < 6; i++)
    if ((double) modelA.getValueAt(i, 5) >= 61 && (double) modelA.getValueAt(i, 5) <= 70)
    {
        modelA.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 6; i++){
    if ((double) modelA.getValueAt(i, 5) >= 51 && (double) modelA.getValueAt(i, 5) <= 60)
    {
        modelA.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 41 && (double) modelA.getValueAt(i, 5) <= 50)
    {
        modelA.setValueAt("C2", i, 6);
    }
}

for (int i = 0; i < 6; i++){
    if ((double) modelA.getValueAt(i, 5) >= 33 && (double) modelA.getValueAt(i, 5) <= 40)
    {
        modelA.setValueAt("D", i, 6);
    }
}

for (int i = 0; i < 6; i++) {
    if ((double) modelA.getValueAt(i, 5) <= 32)
    {
        modelA.setValueAt("E", i, 6);
    }
}
}

// TODO add your handling code here:
}

```

Execute:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db", "root", "ankit");
        Statement stmt = con.createStatement();

        DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
        DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();

        boolean allow1 = false;
        boolean allow2 = false;
        boolean allow3 = false;
        boolean allow4 = false;
        boolean allow5 = false;
    }
}

```

```

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,1) <= 10)
    {
        allow1 = true;
    }
}

for (int i = 0; i < 6; i++){
    if((double) modelA.getValueAt(i,2) <= 5)
    {
        allow2 = true;
    }
}

for (int i = 0; i < 6; i++){
    if((double) modelA.getValueAt(i,3) <= 5)
    {
        allow3 = true;
    }
}

for (int i = 0; i < 6; i++){
    if((double) modelA.getValueAt(i,4) <= 80)
    {
        allow4 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,5) <= 100)
    {
        allow5 = true;
    }
}

//String Grno=
//Give values to different queries
String queryBestPeriodicTest = "Insert into bestperiodictestclass9 values" + "(" +
grNum.getText() + " , " + modelA.getValueAt(0,1) + " , " + modelA.getValueAt(1,1) +
+ " , " + modelA.getValueAt(2,1) + " , " + modelA.getValueAt(3,1) + " , " +
modelA.getValueAt(4,1) + " , " + modelA.getValueAt(5,1) + ");";

String queryNotebook = "Insert into notebookclass9 values" + "(" + grNum.getText() + " , " +
modelA.getValueAt(0,2) + " , " + modelA.getValueAt(1,2) +
+ " , " + modelA.getValueAt(2,2) + " , " + modelA.getValueAt(3,2) + " , " +
modelA.getValueAt(4,2) + " , " + modelA.getValueAt(5,2) + ");";

String querySubjectEnrichment = "Insert into subjectEnrichmentclass9 values" + "(" +
grNum.getText() + " , " + modelA.getValueAt(0,3) + " , " + modelA.getValueAt(1,3) +
+ " , " + modelA.getValueAt(2,3) + " , " + modelA.getValueAt(3,3) + " , " +
modelA.getValueAt(4,3) + " , " + modelA.getValueAt(5,3) + ");";

String queryAnnualExam = "Insert into annualExamclass9 values" + "(" + grNum.getText() + " ,
" + modelA.getValueAt(0,4) + " , " + modelA.getValueAt(1,4) +
+ " , " + modelA.getValueAt(2,4) + " , " + modelA.getValueAt(3,4) + " , " +
modelA.getValueAt(4,4) + " , " + modelA.getValueAt(5,4) + ");";

```

```

        String queryMarksObtained = "Insert into marksObtainedclass9 values" + "(" + grNum.getText()
+ " , " + modelA.getValueAt(0,5) + " , " + modelA.getValueAt(1,5)
+ " , " + modelA.getValueAt(2,5) + " , " + modelA.getValueAt(3,5) + " , " +
modelA.getValueAt(4,5) + " , " + modelA.getValueAt(5,5) + ");";

        String queryGradeA = "Insert into gradeAclass9 values" + "(" + grNum.getText() + " , " + " "
+ modelA.getValueAt(0,6) + " , " + " , " + " "
+ modelA.getValueAt(1,6) + " , " + " , " + " "
+ modelA.getValueAt(2,6) + " , " + " , " +
" , " + modelA.getValueAt(3,6) + " , " + " ,
" + " , " + modelA.getValueAt(4,6) + " , " + " , " + " "
+ modelA.getValueAt(5,6) + " , " + " );";

        double totalMarks = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5);
        double percentage = totalMarks / 500 * 100;

        String queryFinal = "Insert into finalclass9 values" + "(" + grNum.getText() + " , " + " "
+ classSection.getText() + " , " + " , " + rollNumber.getText() + " , " +
academic1.getText()
+ " , " + academic2.getText() + " , " + modelA.getValueAt(0,5) + " , " +
modelA.getValueAt(1,5)
+ " , " + modelA.getValueAt(2,5) + " , " + modelA.getValueAt(3,5) + " , " +
modelA.getValueAt(4,5) + " ,
"
+ modelA.getValueAt(5,5) + " , " + " , " + modelB.getValueAt(0,1) + " , " + " , " +
modelB.getValueAt(1,1)
+ " , " + " , " + " , " + modelB.getValueAt(2,1) + " , " + " , " + " , " +
modelB.getValueAt(3,1) + " ,
"
+ " , " + totalMarks + " , " + percentage + " , " + attendance1.getText() + " , " +
attendance2.getText() + " ,
"
+ " , " + promotedToClass.getText() + " , " + " , " + nameTeacher.getText() + " , " +
" , " + " , " + name.getText() + " , " + " );";

        if (allow1 == true && allow2 == true && allow3 == true && allow4 == true && allow5 == true)
//only allow connection to occur if all the data values are valid
        stmt.executeUpdate(queryBestPeriodicTest);
        stmt.executeUpdate(queryNotebook);
        stmt.executeUpdate(querySubjectEnrichment);
        stmt.executeUpdate(queryAnnualExam);
        stmt.executeUpdate(queryMarksObtained);
        stmt.executeUpdate(queryGradeA);
        stmt.executeUpdate(queryFinal);
        JOptionPane.showMessageDialog(null, "Data Successfully Entered");
    }
}

catch(Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 9 Print Form

Class 9 Print Form

[Back](#)
Class: **9**Section: Roll Number:
[Get Original Results](#)
Name: G.R. Number:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / DaysPromoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Subject Na...	Periodic Te...	Notebook	Subject En...	HY Exam	Marks Obta...	Grade
Engli...						
Hind...						
Math...						
Scien...						
Socia...						
Infor...						

Total (out of 600):

Percentage:

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Areas	Grade
Work Education (Pre-Vo...	
Art Education	
Health & Physical Educa...	
Discipline	

Need to Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Get Original Results:

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    String sect = class_Sect.getText();
    int rollNumb = Integer.parseInt(rollNo.getText());
```

```

DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();

//finalclass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
    SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

    //String query1 = "select * from finalclass9 where GRno = " + GrNum + " ; ";
    String query1 = "select * from finalclass9 where section = '" + sect + "' and rollNo = " +
rollNum + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        int gr = rs.getInt("grno");
        // String section = rs.getString("Section");
        // String RollNum = rs.getString("rollNo");
        int acad1 = Integer.parseInt(rs.getString("academic1"));
        int acad2 = Integer.parseInt(rs.getString("academic2"));
        double English100 = Double.parseDouble(rs.getString("English"));
        double Hindi_Sanskrit100 = Double.parseDouble(rs.getString("Hindi_Sanskrit"));
        double Mathematics100 = Double.parseDouble(rs.getString("Mathematics"));
        double Science100 = Double.parseDouble(rs.getString("Science"));
        double SocialStudies100 = Double.parseDouble(rs.getString("SocialStudies"));
        double InformationTech100 = Double.parseDouble(rs.getString("InformationTech"));
        String WorkEducation100 = rs.getString("WorkEducation");
        String ArtEducation100 = rs.getString("ArtEducation");
        String Health_PE100 = rs.getString("Health_PE");
        String Discipline = rs.getString("Discipline");
        Double finalMarks = Double.parseDouble(rs.getString("final"));
        Double percentage = Double.parseDouble(rs.getString("percentage"));
        int attend1 = Integer.parseInt(rs.getString("attend1"));
        int attend2 = Integer.parseInt(rs.getString("attend2"));
        String promotedClass = rs.getString("promotedclass");
        String nameSQL = rs.getString("name");
        String teacher = rs.getString("classTeacher");

        grNum.setText(" " + gr);
        name.setText(nameSQL);
        // class_Sect.setText(section);
        // rollNo.setText(RollNum);
        academic1.setText(" " + acad1);
        academic2.setText(" " + acad2);
        resultOutOf500.setText(" " + finalMarks);
        resultPercentage.setText(" " + percentage);
        attendance1.setText(" " + attend1);
        attendance2.setText(" " + attend2);
        promotedToClass.setText(promotedClass);
        nameTeacher.setText(teacher);

        modelA.setValueAt(English100, 0, 5);
    }
}

```

```
modelA.setValueAt(Hindi_Sanskrit100, 1, 5);
modelA.setValueAt(Mathematics100, 2, 5);
modelA.setValueAt(Science100, 3, 5);
modelA.setValueAt(SocialStudies100, 4, 5);
modelA.setValueAt(InformationTech100, 5, 5);

modelB.setValueAt(WorkEducation100, 0, 1);
modelB.setValueAt(ArtEducation100, 1, 1);
modelB.setValueAt(Health_PE100, 2, 1);
modelB.setValueAt(Discipline, 3, 1);

//Give letter grades according to percentage
for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 91)
    {
        modelA.setValueAt("A1", i, 6);
    }

    if ((double) modelA.getValueAt(i,5) >= 81 && (double) modelA.getValueAt(i,5) <= 90)
    {
        modelA.setValueAt("A2", i, 6);
    }

    if ((double) modelA.getValueAt(i,5) >= 71 && (double) modelA.getValueAt(i,5) <= 80)
    {
        modelA.setValueAt("B1", i, 6);
    }

    if ((double) modelA.getValueAt(i,5) >= 61 && (double) modelA.getValueAt(i,5) <= 70)
    {
        modelA.setValueAt("B2", i, 6);
    }

    if ((double) modelA.getValueAt(i,5) >= 51 && (double) modelA.getValueAt(i,5) <= 60)
    {
        modelA.setValueAt("C1", i, 6);
    }

    if ((double) modelA.getValueAt(i,5) >= 41 && (double) modelA.getValueAt(i,5) <= 50)
    {
        modelA.setValueAt("C2", i, 6);
    }

    if ((double) modelA.getValueAt(i,5) >= 33 && (double) modelA.getValueAt(i,5) <= 40)
    {
        modelA.setValueAt("D", i, 6);
    }

    if ((double) modelA.getValueAt(i,5) <= 32)
    {
        modelA.setValueAt("E", i, 6);
    }
}

rs.close();
stmt.close();
con.close();
```

```

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

int GrNum = Integer.parseInt(grNum.getText());
//AnnualExamClass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from annualexamclass9 where GRno = " + GrNum + " ; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishAnnual = Double.parseDouble(rs2.getString("English"));
        double Hindi_SanskritAnnual = Double.parseDouble(rs2.getString("Hindi_Sanskrit"));
        double MathematicsAnnual = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceAnnual = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesAnnual = Double.parseDouble(rs2.getString("SocialStudies"));
        double InformationTechAnnual = Double.parseDouble(rs2.getString("InformationTech"));

        modelA.setValueAt(EnglishAnnual, 0, 4);
        modelA.setValueAt(Hindi_SanskritAnnual, 1, 4);
        modelA.setValueAt(MathematicsAnnual, 2, 4);
        modelA.setValueAt(ScienceAnnual, 3, 4);
        modelA.setValueAt(SocialStudiesAnnual, 4, 4);
        modelA.setValueAt(InformationTechAnnual, 5, 4);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//SubjectEnrichmentClass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from subjectenrichmentclass9 where GRno = " + GrNum + " ; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich = Double.parseDouble(rs3.getString("English"));
    }
}

```

```

        double Hindi_SanskritEnrich = Double.parseDouble(rs3.getString("Hindi_Sanskrit"));
        double MathematicsEnrich = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich = Double.parseDouble(rs3.getString("SocialStudies"));
        double InformationTechEnrich = Double.parseDouble(rs3.getString("InformationTech"));

        modelA.setValueAt(EnglishEnrich, 0, 3);
        modelA.setValueAt(Hindi_SanskritEnrich, 1, 3);
        modelA.setValueAt(MathematicsEnrich, 2, 3);
        modelA.setValueAt(ScienceEnrich, 3, 3);
        modelA.setValueAt(SocialStudiesEnrich, 4, 3);
        modelA.setValueAt(InformationTechEnrich, 5, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Notebookclass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from Notebookclass9 where GRno = " + GrNum + " ; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double EnglishNB = Double.parseDouble(rs4.getString("English"));
        double Hindi_SanskritNB = Double.parseDouble(rs4.getString("Hindi_Sanskrit"));
        double MathematicsNB = Double.parseDouble(rs4.getString("Mathematics"));
        double ScienceNB = Double.parseDouble(rs4.getString("Science"));
        double SocialStudiesNB = Double.parseDouble(rs4.getString("SocialStudies"));
        double InformationTechNB = Double.parseDouble(rs4.getString("InformationTech"));

        modelA.setValueAt(EnglishNB, 0, 2);
        modelA.setValueAt(Hindi_SanskritNB, 1, 2);
        modelA.setValueAt(MathematicsNB, 2, 2);
        modelA.setValueAt(ScienceNB, 3, 2);
        modelA.setValueAt(SocialStudiesNB, 4, 2);
        modelA.setValueAt(InformationTechNB, 5, 2);
    }
    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

```

```

//BestPeriodicTestClass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query5 = "select * from BestPeriodicTestClass9 where GRno = " + GrNum + " ; ";

    ResultSet rs5 = stmt.executeQuery(query5);

    while(rs5.next())
    {
        double EnglishBest = Double.parseDouble(rs5.getString("English"));
        double Hindi_SanskritBest = Double.parseDouble(rs5.getString("Hindi_Sanskrit"));
        double MathematicsBest = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest = Double.parseDouble(rs5.getString("InformationTech"));

        modelA.setValueAt(EnglishBest, 0, 1);
        modelA.setValueAt(Hindi_SanskritBest, 1, 1);
        modelA.setValueAt(MathematicsBest, 2, 1);
        modelA.setValueAt(ScienceBest, 3, 1);
        modelA.setValueAt(SocialStudiesBest, 4, 1);
        modelA.setValueAt(InformationTechBest, 5, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}
catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

```

Back:

W E L S P U N

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 9 Update Form

Class 9 Update Form

Back

Class: 9 Section: Roll Number:
Get Original Results

G.R. Number:
 Attendance: Days / Days

Name:

Name of Class Teacher:

Academic Session: -

Part A- Scholastic Areas (100 Marks)

Subject Na...	Periodic Te...	Notebook	Subject En...	HY Exam	Marks Obta...	Grade
Engli...						
Hind...						
Math...						
Scien...						
Socia...						
Infor...						

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Areas	Grade
Work Education (Pre-Vocational Education)	
Art Education	
Health & Physical Education	
Discipline	

Total (out of 600):

Percentage:

Calculate
Update Results

Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Get Original Results:

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

    String sect = class_Sect.getText();
    int rollNumb = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();

    //finalclass9
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        //String query1 = "select * from finalclass9 where GRno = " + GrNum + " ; ";
        String query1 = "select * from finalclass9 where section = '" + sect + "' and rollNo = " +
rollNumb + " ; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            int gr = rs.getInt("grno");
            // String section = rs.getString("Section");
            // String RollNum = rs.getString("rollNo");
            int acad1 = Integer.parseInt(rs.getString("academic1"));
            int acad2 = Integer.parseInt(rs.getString("academic2"));
            double English100 = Double.parseDouble(rs.getString("English"));
            double Hindi_Sanskrit100 = Double.parseDouble(rs.getString("Hindi_Sanskrit"));
            double Mathematics100 = Double.parseDouble(rs.getString("Mathematics"));
            double Science100 = Double.parseDouble(rs.getString("Science"));
            double SocialStudies100 = Double.parseDouble(rs.getString("SocialStudies"));
            double InformationTech100 = Double.parseDouble(rs.getString("InformationTech"));
            String WorkEducation100 = rs.getString("WorkEducation");
            String ArtEducation100 = rs.getString("ArtEducation");
            String Health_PE100 = rs.getString("Health_PE");
            String Discipline = rs.getString("Discipline");
            Double finalMarks = Double.parseDouble(rs.getString("final"));
            Double percentage = Double.parseDouble(rs.getString("percentage"));
            int attend1 = Integer.parseInt(rs.getString("attend1"));
            int attend2 = Integer.parseInt(rs.getString("attend2"));
            String promotedClass = rs.getString("promotedclass");
            String nameSQL = rs.getString("name");
        }
    }
}

```

```
String teacher = rs.getString("classTeacher");

grNum.setText(" " + gr);
name.setText(nameSQL);
// class_Sect.setText(section);
// rollNo.setText(RollNum);
academic1.setText(" " + acad1);
academic2.setText(" " + acad2);
resultOutOf500.setText(" " + finalMarks);
resultPercentage.setText(" " + percentage);
attendance1.setText(" " + attend1);
attendance2.setText(" " + attend2);
promotedToClass.setText(promotedClass);
nameTeacher.setText(teacher);

modelA.setValueAt(English100, 0, 5);
modelA.setValueAt(Hindi_Sanskrit100, 1, 5);
modelA.setValueAt(Mathematics100, 2, 5);
modelA.setValueAt(Science100, 3, 5);
modelA.setValueAt(SocialStudies100, 4, 5);
modelA.setValueAt(InformationTech100, 5, 5);

modelB.setValueAt(WorkEducation100, 0, 1);
modelB.setValueAt(ArtEducation100, 1, 1);
modelB.setValueAt(Health_PE100, 2, 1);
modelB.setValueAt(Discipline, 3, 1);

//Give letter grades according to percentage
for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i, 5) >= 91)
    {
        modelA.setValueAt("A1", i, 6);
    }

    if ((double) modelA.getValueAt(i, 5) >= 81 && (double) modelA.getValueAt(i, 5) <= 90)
    {
        modelA.setValueAt("A2", i, 6);
    }

    if ((double) modelA.getValueAt(i, 5) >= 71 && (double) modelA.getValueAt(i, 5) <= 80)
    {
        modelA.setValueAt("B1", i, 6);
    }

    if ((double) modelA.getValueAt(i, 5) >= 61 && (double) modelA.getValueAt(i, 5) <= 70)
    {
        modelA.setValueAt("B2", i, 6);
    }

    if ((double) modelA.getValueAt(i, 5) >= 51 && (double) modelA.getValueAt(i, 5) <= 60)
    {
        modelA.setValueAt("C1", i, 6);
    }

    if ((double) modelA.getValueAt(i, 5) >= 41 && (double) modelA.getValueAt(i, 5) <= 50)
    {
        modelA.setValueAt("C2", i, 6);
    }
}
```

```

        if ((double) modelA.getValueAt(i, 5) >= 33 && (double) modelA.getValueAt(i, 5) <= 40)
        {
            modelA.setValueAt("D", i, 6);
        }

        if ((double) modelA.getValueAt(i, 5) <= 32)
        {
            modelA.setValueAt("E", i, 6);
        }
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e)
{
    JOptionPane.showMessageDialog(null, e);
}

int GrNum = Integer.parseInt(grNum.getText());
//AnnualExamClass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from annualexamclass9 where GRno = " + GrNum + " ; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double EnglishAnnual = Double.parseDouble(rs2.getString("English"));
        double Hindi_SanskritAnnual = Double.parseDouble(rs2.getString("Hindi_Sanskrit"));
        double MathematicsAnnual = Double.parseDouble(rs2.getString("Mathematics"));
        double ScienceAnnual = Double.parseDouble(rs2.getString("Science"));
        double SocialStudiesAnnual = Double.parseDouble(rs2.getString("SocialStudies"));
        double InformationTechAnnual = Double.parseDouble(rs2.getString("InformationTech"));

        modelA.setValueAt(EnglishAnnual, 0, 4);
        modelA.setValueAt(Hindi_SanskritAnnual, 1, 4);
        modelA.setValueAt(MathematicsAnnual, 2, 4);
        modelA.setValueAt(ScienceAnnual, 3, 4);
        modelA.setValueAt(SocialStudiesAnnual, 4, 4);
        modelA.setValueAt(InformationTechAnnual, 5, 4);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e)
{
    JOptionPane.showMessageDialog(null, e);
}

```

```

}

//SubjectEnrichmentClass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from subjectenrichmentclass9 where GRno = " + GrNum + " ; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double EnglishEnrich = Double.parseDouble(rs3.getString("English"));
        double Hindi_SanskritEnrich = Double.parseDouble(rs3.getString("Hindi_Sanskrit"));
        double MathematicsEnrich = Double.parseDouble(rs3.getString("Mathematics"));
        double ScienceEnrich = Double.parseDouble(rs3.getString("Science"));
        double SocialStudiesEnrich = Double.parseDouble(rs3.getString("SocialStudies"));
        double InformationTechEnrich = Double.parseDouble(rs3.getString("InformationTech"));

        modelA.setValueAt(EnglishEnrich, 0, 3);
        modelA.setValueAt(Hindi_SanskritEnrich, 1, 3);
        modelA.setValueAt(MathematicsEnrich, 2, 3);
        modelA.setValueAt(ScienceEnrich, 3, 3);
        modelA.setValueAt(SocialStudiesEnrich, 4, 3);
        modelA.setValueAt(InformationTechEnrich, 5, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//Notebookclass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from Notebookclass9 where GRno = " + GrNum + " ; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double EnglishNB = Double.parseDouble(rs4.getString("English"));
        double Hindi_SanskritNB = Double.parseDouble(rs4.getString("Hindi_Sanskrit"));
        double MathematicsNB = Double.parseDouble(rs4.getString("Mathematics"));
        double ScienceNB = Double.parseDouble(rs4.getString("Science"));
        double SocialStudiesNB = Double.parseDouble(rs4.getString("SocialStudies"));
        double InformationTechNB = Double.parseDouble(rs4.getString("InformationTech"));
    }
}

```

```

        modelA.setValueAt(EnglishNB, 0, 2);
        modelA.setValueAt(Hindi_SanskritNB, 1, 2);
        modelA.setValueAt(MathematicsNB, 2, 2);
        modelA.setValueAt(ScienceNB, 3, 2);
        modelA.setValueAt(SocialStudiesNB, 4, 2);
        modelA.setValueAt(InformationTechNB, 5, 2);
    }
    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//BestPeriodicTestClass9
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/wel spun_db",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query5 = "select * from BestPeriodicTestClass9 where GRno = " + GrNum + " ; ";

    ResultSet rs5 = stmt.executeQuery(query5);

    while(rs5.next())
    {
        double EnglishBest = Double.parseDouble(rs5.getString("English"));
        double Hindi_SanskritBest = Double.parseDouble(rs5.getString("Hindi_Sanskrit"));
        double MathematicsBest = Double.parseDouble(rs5.getString("Mathematics"));
        double ScienceBest = Double.parseDouble(rs5.getString("Science"));
        double SocialStudiesBest = Double.parseDouble(rs5.getString("SocialStudies"));
        double InformationTechBest = Double.parseDouble(rs5.getString("InformationTech"));

        modelA.setValueAt(EnglishBest, 0, 1);
        modelA.setValueAt(Hindi_SanskritBest, 1, 1);
        modelA.setValueAt(MathematicsBest, 2, 1);
        modelA.setValueAt(ScienceBest, 3, 1);
        modelA.setValueAt(SocialStudiesBest, 4, 1);
        modelA.setValueAt(InformationTechBest, 5, 1);
    }
    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

```

Calculate:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

```

```
DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();

boolean allow1 = false;
boolean allow2 = false;
boolean allow3 = false;
boolean allow4 = false;

//Show pop-up dialog restricting the data values
for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,1) <= 10 && (double) modelA.getValueAt(i,1) >= 0)
    {
        allow1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 10 and Min value allowed is 0.
Re-enter Data Value");
        allow1 = false;
        break;
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 5 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min value allowed is 0.
Re-enter Data Value");
        allow2 = false;
        break;
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 5 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 5 and Min value allowed is 0.
Re-enter Data Value");
        allow3 = false;
        break;
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 80 && (double) modelA.getValueAt(i,4) >= 0)
```

```

    {
        allow4 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 80 and Min value allowed is 0.
Re-enter Data Value");
        allow4 = false;
        break;
    }
}

if (allow1 == true && allow2 == true && allow3 == true && allow4 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(0,2) +
(double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksHindiSanskrit = (double) modelA.getValueAt(1,1) + (double)
modelA.getValueAt(1,2) + (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksMathematics = (double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(2,2) +
(double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksScience = (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(3,2) +
(double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksSocialStudies = (double) modelA.getValueAt(4,1) + (double)
modelA.getValueAt(4,2) + (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksInformationTech = (double) modelA.getValueAt(5,1) + (double)
modelA.getValueAt(5,2) + (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksHindiSanskrit, 1, 5);
    modelA.setValueAt(marksMathematics, 2, 5);
    modelA.setValueAt(marksScience, 3, 5);
    modelA.setValueAt(marksSocialStudies, 4, 5);
    modelA.setValueAt(marksInformationTech, 5, 5);

    double totalMarks = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5);
    double percentage = totalMarks / 500 * 100;

    resultOutOf500.setText(" " + totalMarks);
    resultPercentage.setText(" " + percentage + " %");

    //Give letter grades according to percentage
    for (int i = 0; i < 6; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 91)
        {
            modelA.setValueAt("A1", i, 6);
        }
    }

    for (int i = 0; i < 6; i++)
    {
        if ((double) modelA.getValueAt(i,5) >= 81 && (double) modelA.getValueAt(i,5) <= 90)
        {
            modelA.setValueAt("A2", i, 6);
        }
    }
}

```

```

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 71 && (double) modelA.getValueAt(i,5) <= 80)
    {
        modelA.setValueAt("B1", i, 6);
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 61 && (double) modelA.getValueAt(i,5) <= 70)
    {
        modelA.setValueAt("B2", i, 6);
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 51 && (double) modelA.getValueAt(i,5) <= 60)
    {
        modelA.setValueAt("C1", i, 6);
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 41 && (double) modelA.getValueAt(i,5) <= 50)
    {
        modelA.setValueAt("C2", i, 6);
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,5) >= 33 && (double) modelA.getValueAt(i,5) <= 40)
    {
        modelA.setValueAt("D", i, 6);
    }
}

for (int i = 0; i < 6; i++)
{
    if ((double) modelA.getValueAt(i,5) <= 32)
    {
        modelA.setValueAt("E", i, 6);
    }
}

// TODO add your handling code here:
}

```

Update Results:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

    try {
        Class.forName("java.sql.Driver");

```

```

Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/welspan_db", "root", "ankit");
Statement stmt = con.createStatement();

DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();

boolean allow1 = false;
boolean allow2 = false;
boolean allow3 = false;
boolean allow4 = false;
boolean allow5 = false;

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,1) <= 10)
    {
        allow1 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,2) <= 5)
    {
        allow2 = true;
    }
}

for (int i = 0; i < 6; i++){
    if((double) modelA.getValueAt(i,3) <= 5)
    {
        allow3 = true;
    }
}

for (int i = 0; i < 6; i++)
{
    if((double) modelA.getValueAt(i,4) <= 80)
    {
        allow4 = true;
    }
}

for (int i = 0; i < 6; i++){
    if((double) modelA.getValueAt(i,5) <= 100)
    {
        allow5 = true;
    }
}

String queryBestPeriodicTest = "update bestperiodictestclass9 set English = " +
modelA.getValueAt(0,1) + ", Hindi_Sanskrit = " + modelA.getValueAt(1,1)
+ ", Mathematics = " + modelA.getValueAt(2,1) + ", Science = " + modelA.getValueAt(3,1) + ", "
SocialStudies = " + modelA.getValueAt(4,1) +
", InformationTech = " + modelA.getValueAt(5,1) + " where grno = " + grNum.getText() + ";";

String queryNotebook = "update notebookclass9 set English = " + modelA.getValueAt(0,2) + ", "
Hindi_Sanskrit = " + modelA.getValueAt(1,2)

```

```

        + ", Mathematics = " + modelA.getValueAt(2,2) + ", Science = " + modelA.getValueAt(3,2) + ",
SocialStudies = " + modelA.getValueAt(4,2) +
        ", InformationTech = " + modelA.getValueAt(5,2) + " where grno = " + grNum.getText() + ";";

        String querySubjectEnrichment = "update subjectEnrichmentclass9 set English = " +
modelA.getValueAt(0,3) + ", Hindi_Sanskrit = " + modelA.getValueAt(1,3)
        + ", Mathematics = " + modelA.getValueAt(2,3) + ", Science = " + modelA.getValueAt(3,3) + ",
SocialStudies = " + modelA.getValueAt(4,3) +
        ", InformationTech = " + modelA.getValueAt(5,3) + " where grno = " + grNum.getText() + ";";

        String queryAnnualExam = "update annualExamclass9 set English = " + modelA.getValueAt(0,4) +
", Hindi_Sanskrit = " + modelA.getValueAt(1,4)
        + ", Mathematics = " + modelA.getValueAt(2,4) + ", Science = " + modelA.getValueAt(3,4) + ",
SocialStudies = " + modelA.getValueAt(4,4) +
        ", InformationTech = " + modelA.getValueAt(5,4) + " where grno = " + grNum.getText() + ";";

        String queryMarksObtained = "update marksObtainedclass9 set English = " +
modelA.getValueAt(0,5) + ", Hindi_Sanskrit = " + modelA.getValueAt(1,5)
        + ", Mathematics = " + modelA.getValueAt(2,5) + ", Science = " + modelA.getValueAt(3,5) + ",
SocialStudies = " + modelA.getValueAt(4,5) +
        ", InformationTech = " + modelA.getValueAt(5,5) + " where grno = " + grNum.getText() + ";";

        String queryGradeA = "update gradeAclass9 set English = '" + modelA.getValueAt(0,6) + "' ,
Hindi_Sanskrit = '" + modelA.getValueAt(1,6)
        + "', Mathematics = '" + modelA.getValueAt(2,6) + "', Science = '" + modelA.getValueAt(3,6) +
"', SocialStudies = '" + modelA.getValueAt(4,6) +
        "', InformationTech = '" + modelA.getValueAt(5,6) + "' where grno = " + grNum.getText() +
"';';

        double totalMarks = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5);
        double percentage = totalMarks / 500 * 100;

        String queryFinal = "update finalclass9 set Section = '" + class_Sect.getText() + "' , rollno =
" + rollNo.getText() + ", academic1 = " + academic1.getText()
        + ", academic2 = " + academic2.getText() + ", English = " + modelA.getValueAt(0,5) + ",
Hindi_Sanskrit = " + modelA.getValueAt(1,5)
        + ", Mathematics = " + modelA.getValueAt(2,5) + ", Science = " + modelA.getValueAt(3,5) + ",
SocialStudies = " + modelA.getValueAt(4,5)
        + ", InformationTech = " + modelA.getValueAt(5,5) + ", WorkEducation = '" +
modelB.getValueAt(0,1) + "' , ArtEducation = '" + modelB.getValueAt(1,1)
        + "' , Health_PE = '" + modelB.getValueAt(2,1) + "' , Discipline = '" + modelB.getValueAt(3,1) +
"', final = " + totalMarks
        + ", percentage = " + percentage + ", attend1 = " + attendance1.getText() + ", attend2 = " +
attendance2.getText() + ", promotedClass = '" +
        promotedToClass.getText() + "' , classTeacher = '" + nameTeacher.getText() + "' , name = '" +
name.getText() + " where grno = " + grNum.getText() + ";";

        //update finalclass9 set section = '' , rollNo = a , academic1 = a , academic2 = a , english = a ,
hindi = a , mathematics = a , science = a ,
        // socialstudies = a , informationtech = a , workeducation = '' , arteducation = '' , health =
'', disicpline = '' , final = a , percentage = a ,
        //attend1 = a , attend2 = a , promotedclass = '' , classteacher = '' , name = '' where grno = a .

        if (allow1 == true && allow2 == true && allow3 == true && allow4 == true && allow5 == true)
        {//only allow connection to occur if all the data values are valid
            stmt.executeUpdate(queryBestPeriodicTest);
            stmt.executeUpdate(queryNotebook);
            stmt.executeUpdate(querySubjectEnrichment);

```

```
        stmt.executeUpdate(queryAnnualExam);
        stmt.executeUpdate(queryMarksObtained);
        stmt.executeUpdate(queryGradeA);
        stmt.executeUpdate(queryFinal);
        JOptionPane.showMessageDialog(null, "Data Successfully Entered");
    }
}

catch(Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
// TODO add your handling code here:
}
```

Back:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```



Class 10 Result Form

Class 10 Result Form

Back

G.R. Number:	<input type="text"/>	Class:	<input type="text" value="10"/>	Roll Number:	<input type="text"/>
Section:	<input type="text"/>	Name:	<input type="text"/>		
Attendance:	<input type="text"/>			Name of Class Teacher:	<input type="text"/>
<input type="text"/> Days / <input type="text"/> Days	<input type="text"/>			Promoted to Class (enter Number):	<input type="text"/>
20 <input type="text"/> - 20 <input type="text"/>					

Part A- Scholastic Areas (100 Marks)

Subject Name	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English			
Hindi/Sansk...			
Mathematics			
Science			
SST			

Percentage PB1: Percentage PB2:
 Percentage PB3:

Calculate

Execute

Need To Import/Global:

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;
```

Calculate:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    boolean allow1 = false;
    boolean allow2 = false;
    boolean allow3 = false;

    //Show pop-up dialog restricting the data values
    for (int i = 0; i < 5; i++)
    {
```

```

if ((double) modelA.getValueAt(i,1) <= 100 && (double) modelA.getValueAt(i,1) >= 0)
{
    allow1 = true;
}

else
{
    JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
    allow1 = false;
    break;
}
}

for (int i = 0; i < 5; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 100 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow2 = false;
        break;
    }
}

for (int i = 0; i < 5; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 100 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow3 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow3 = false;
        break;
    }
}

if (allow1 == true && allow2 == true && allow3 == true)
{
    double totalMarksPB1 = ((double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(1,1) +
(double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(4,1)) /
5;
    double totalMarksPB2 = ((double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) +
(double) modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2)) /
5;
}

```

```

        double totalMarksPB3 = ((double) modelA.getValueAt(0, 3) + (double) modelA.getValueAt(1, 3) +
(double) modelA.getValueAt(2, 3) + (double) modelA.getValueAt(3, 3) + (double) modelA.getValueAt(4, 3)) /
5;

        pb1Percent.setText(" " + totalMarksPB1 + " % ");
        pb2Percent.setText(" " + totalMarksPB2 + " % ");
        pb3Percent.setText(" " + totalMarksPB3 + " % ");
    }
}

```

Execute:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    int grNo = Integer.parseInt(grNum.getText());
    String sect = classSection.getText();
    int roll = Integer.parseInt(rollNumber.getText());
    String nameValue = name.getText();
    String nameTeach = nameTeacher.getText();
    int att1 = Integer.parseInt(attendance1.getText());
    int att2 = Integer.parseInt(attendance2.getText());
    int promote = Integer.parseInt(promotedToClass.getText());
    int acad1 = Integer.parseInt(academic1.getText());
    int acad2 = Integer.parseInt(academic2.getText());

    try {
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject", "root", "ankit");
        Statement stmt = con.createStatement();

        DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

        boolean allow1 = false;
        boolean allow2 = false;

        for (int i = 0; i < 5; i++)
        {
            if((double) modelA.getValueAt(i, 1) <= 100)
            {
                allow1 = true;
            }
        }

        for (int i = 0; i < 5; i++)
        {
            if((double) modelA.getValueAt(i, 2) <= 100)
            {
                allow2 = true;
            }
        }

        //Give values to different queries
        String pb1 = "insert into preboard_i_class10 values(" + grNo + ", '" + sect + "', " + roll +
", " + modelA.getValueAt(0,1) + ", " + modelA.getValueAt(1, 1)
        + ", " + modelA.getValueAt(2,1) + ", " + modelA.getValueAt(3,1) + ", " +
modelA.getValueAt(4,1) + ");";

        String pb2 = "insert into preboard_ii_class10 values(" + grNo + ", '" + sect + "', " + roll +
+ ", " + modelA.getValueAt(0,2) + ", " + modelA.getValueAt(1,2)

```

```

        + ", " + modelA.getValueAt(2,2) + ", " + modelA.getValueAt(3,2) + ", " +
modelA.getValueAt(4,2) + ");";

String pb3 = "insert into preboard_iii_class10 values(" + grNo + ", '" + sect + "', " + roll
+ ", " + modelA.getValueAt(0,3) + ", " + modelA.getValueAt(1,3)
        + ", " + modelA.getValueAt(2,3) + ", " + modelA.getValueAt(3,3) + ", " +
modelA.getValueAt(4,3) + ");";

String miscell = "insert into miscell10 values(" + grNo + ", " + roll + ", '" + sect + "' ,
'" + nameValue + "', '" + nameTeach + "', " + att1 +
        ", " + att2 + ", " + promote + ", " + acad1 + ", " + acad2 + ");";

if (allow1 == true && allow2 == true)
{ //only allow connection to occur if all the data values are valid
    stmt.executeUpdate(pb1);
    stmt.executeUpdate(pb2);
    stmt.executeUpdate(pb3);
    stmt.executeUpdate(miscell);
    JOptionPane.showMessageDialog(null, "Data Successfully Entered");
}
}

catch(Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
// TODO add your handling code here:
}

```

[Back:](#)

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Let Positive Thinking Come To Us From Every Side!

Class 10 Update Form

Class 10 Update Form

[Back](#)

Class: **10** Section: Roll Number:

Get Original Results

G.R. Number:

Attendance: Days / Days Promoted to Class (enter Number):

Name:

Name of Class Teacher:

Academic Session: **20** - **20**

Part A- Scholastic Areas (100 Marks)

Subject Name	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English			
Hindi/Sansk...			
Mathematics			
Science			
SST			

Update Results

Percentage PB1: Percentage PB2:

Percentage PB3:

Calculate

Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Get Original Results:

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    String sect = class_Sect.getText();
    int rollNumb = Integer.parseInt(rollNo.getText());
```

```

DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    String query1 = "select * from preboard_i_class10 where section = '" + sect + "' and roll_No
= " + rollNumb + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        int gr = rs.getInt("grno");
        double english = rs.getDouble("english");
        double hindi_sanskrit = rs.getDouble("hindi_sanskrit");
        double mathematics = rs.getDouble("mathematics");
        double science = rs.getDouble("science");
        double sst = rs.getDouble("sst");

        modelA.setValueAt(english,0,1);
        modelA.setValueAt(hindi_sanskrit,1,1);
        modelA.setValueAt(mathematics,2,1);
        modelA.setValueAt(science,3,1);
        modelA.setValueAt(sst,4,1);
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    String query2 = "select * from preboard_i_class10 where section = '" + sect + "' and
roll_No = " + rollNumb + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        int gr = rs2.getInt("grno");
        double english = rs2.getDouble("english");
        double hindi_sanskrit = rs2.getDouble("hindi_sanskrit");
        double mathematics = rs2.getDouble("mathematics");
        double science = rs2.getDouble("science");
        double sst = rs2.getDouble("sst");
    }
}

```

```
modelA.setValueAt(english,0,2);
modelA.setValueAt(hindi_sanskrit,1,2);
modelA.setValueAt(mathematics,2,2);
modelA.setValueAt(science,3,2);
modelA.setValueAt(sst,4,2);
}

rs2.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    String query5 = "select * from preboard_iii_class10 where section = '" + sect + "' and
roll_No = " + rollNumb + "; ";

    ResultSet rs5 = stmt.executeQuery(query5);

    while(rs5.next())
    {
        int gr = rs5.getInt("grno");
        double english = rs5.getDouble("english");
        double hindi_sanskrit = rs5.getDouble("hindi_sanskrit");
        double mathematics = rs5.getDouble("mathematics");
        double science = rs5.getDouble("science");
        double sst = rs5.getDouble("sst");

        modelA.setValueAt(english,0,3);
        modelA.setValueAt(hindi_sanskrit,1,3);
        modelA.setValueAt(mathematics,2,3);
        modelA.setValueAt(science,3,3);
        modelA.setValueAt(sst,4,3);
    }

    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");
```

```

Statement stmt = con.createStatement();

String query3 = "select * from miscell10 where section = '" + sect + "' and roll_No = " +
rollNum + "; ";

ResultSet rs3 = stmt.executeQuery(query3);

while(rs3.next())
{
    int gr = rs3.getInt("grno");
    String nameValue = rs3.getString("name");
    String nameTeach = rs3.getString("nameTeach");
    int attend1 = rs3.getInt("attend1");
    int attend2 = rs3.getInt("attend2");
    int promoteClass = rs3.getInt("promoteClass");
    int acad1 = rs3.getInt("acad1");
    int acad2 = rs3.getInt("acad2");

    grNum.setText(" " + gr);
    name.setText(nameValue);
    nameTeacher.setText(nameTeach);
    attendance1.setText(" " + attend1);
    attendance2.setText(" " + attend2);
    promotedToClass.setText(" " + promoteClass);
    academic1.setText(" " + acad1);
    academic2.setText(" " + acad2);
}

rs3.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

double totalMarksPB1 = ((double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(1,1) +
(double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(4,1)) /
5;
double totalMarksPB2 = ((double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) +
(double) modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2)) /
5;
double totalMarksPB3 = ((double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) +
(double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3)) /
5;

pb1Percent.setText(" " + totalMarksPB1 + " % ");
pb2Percent.setText(" " + totalMarksPB2 + " % ");
pb3Percent.setText(" " + totalMarksPB3 + " % ");

}

```

Calculate:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    boolean allow1 = false;
    boolean allow2 = false;
    boolean allow3 = false;

    //Show pop-up dialog restricting the data values
    for (int i = 0; i < 5; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 100 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
            allow1 = false;
            break;
        }
    }

    for (int i = 0; i < 5; i++)
    {
        if ((double) modelA.getValueAt(i,2) <= 100 && (double) modelA.getValueAt(i,2) >= 0)
        {
            allow2 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
            allow2 = false;
            break;
        }
    }

    for (int i = 0; i < 5; i++)
    {
        if ((double) modelA.getValueAt(i,3) <= 100 && (double) modelA.getValueAt(i,3) >= 0)
        {
            allow3 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
            allow3 = false;
            break;
        }
    }

    if (allow1 == true && allow2 == true && allow3 == true)
    {
```

```

        double totalMarksPB1 = ((double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(1,1) +
(double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(4,1)) /
5;
        double totalMarksPB2 = ((double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) +
(double) modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2)) /
5;
        double totalMarksPB3 = ((double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) +
(double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3)) /
5;

        pb1Percent.setText(" " + totalMarksPB1 + " %");
        pb2Percent.setText(" " + totalMarksPB2 + " %");
        pb3Percent.setText(" " + totalMarksPB3 + " %");

    }
}

```

Update Results:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String sect = class_Sect.getText();
    int roll = Integer.parseInt(rollNo.getText());
    String nameValue = name.getText();
    String nameTeach = nameTeacher.getText();
    int att1 = Integer.parseInt(attendance1.getText());
    int att2 = Integer.parseInt(attendance2.getText());
    int promote = Integer.parseInt(promotedToClass.getText());
    int acad1 = Integer.parseInt(academic1.getText());
    int acad2 = Integer.parseInt(academic2.getText());

    try {
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = con.createStatement();

        DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

        boolean allow1 = false;
        boolean allow2 = false;
        boolean allow3 = false;

        //Show pop-up dialog restricting the data values
        for (int i = 0; i < 5; i++)
        {
            if ((double) modelA.getValueAt(i,1) <= 100 && (double) modelA.getValueAt(i,1) >= 0)
            {
                allow1 = true;
            }

            else
            {
                JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
                allow1 = false;
                break;
            }
        }

        for (int i = 0; i < 5; i++)
    
```

```

{
    if ((double) modelA.getValueAt(i,2) <= 100 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow2 = false;
        break;
    }
}

for (int i = 0; i < 5; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 100 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow3 = false;
        break;
    }
}

//Give values to different queries

String pb1 = "update preboard_i_class10 set english = " + modelA.getValueAt(0,1) + ",  

hindi_sanskrit = " + modelA.getValueAt(1,1) +
    ", mathematics = " + modelA.getValueAt(2,1) + ", science = " +
modelA.getValueAt(3,1) + ", sst = " + modelA.getValueAt(4,1) +
    " where section = '" + sect + "' and roll_no = " + roll + ";";  

String pb2 = "update preboard_ii_class10 set english = " + modelA.getValueAt(0,2) + ",  

hindi_sanskrit = " + modelA.getValueAt(1,2) +
    ", mathematics = " + modelA.getValueAt(2,2) + ", science = " +
modelA.getValueAt(3,2) + ", sst = " + modelA.getValueAt(4,2) +
    " where section = '" + sect + "' and roll_no = " + roll + ";";  

String pb3 = "update preboard_iii_class10 set english = " + modelA.getValueAt(0,3) + ",  

hindi_sanskrit = " + modelA.getValueAt(1,3) +
    ", mathematics = " + modelA.getValueAt(2,3) + ", science = " +
modelA.getValueAt(3,3) + ", sst = " + modelA.getValueAt(4,3) +
    " where section = '" + sect + "' and roll_no = " + roll + ";";  

String miscell10 = "update miscell10 set name = '" + nameValue + "', nameTeach = '" +
nameTeach + "', attend1 = " + att1 + ", attend2 = " +
    att2 + ", promoteClass = " + promote + ", acad1 = " + acad1 + ", acad2 = " + acad2 +
" where section = '" + sect + "' and roll_no = "
    + roll + ";";  

if (allow1 == true && allow2 == true && allow3 == true)
{//only allow connection to occur if all the data values are valid
}

```

```
        stmt.executeUpdate(pb1);
        stmt.executeUpdate(pb2);
        stmt.executeUpdate(pb3);
        stmt.executeUpdate(miscell10);
        JOptionPane.showMessageDialog(null, "Data Successfully Entered");
    }
}

catch(Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
// TODO add your handling code here:
}
```

Back:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```



Class 10 Print Form

Class 10 Print Form

[Back](#)
Class: **10**Section: Roll Number:
[Get Original Results](#)
G.R. Number: Name:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / Days
Promoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Subject Name	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English			
Hindi/Sansk...			
Mathematics			
Science			
SST			

Percentage PB1:

Percentage PB2:

Percentage PB3:

Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Get Original Results:

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

    String sect = class_Sect.getText();
    int rollNumb = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
```

```
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    String query1 = "select * from preboard_i_class10 where section = '" + sect + "' and roll_No
= " + rollNumb + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        int gr = rs.getInt("grno");
        double english = rs.getDouble("english");
        double hindi_sanskrit = rs.getDouble("hindi_sanskrit");
        double mathematics = rs.getDouble("mathematics");
        double science = rs.getDouble("science");
        double sst = rs.getDouble("sst");

        modelA.setValueAt(english,0,1);
        modelA.setValueAt(hindi_sanskrit,1,1);
        modelA.setValueAt(mathematics,2,1);
        modelA.setValueAt(science,3,1);
        modelA.setValueAt(sst,4,1);
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    String query2 = "select * from preboard_i_i_class10 where section = '" + sect + "' and"
roll_No = " + rollNumb + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        int gr = rs2.getInt("grno");
        double english = rs2.getDouble("english");
        double hindi_sanskrit = rs2.getDouble("hindi_sanskrit");
        double mathematics = rs2.getDouble("mathematics");
        double science = rs2.getDouble("science");
        double sst = rs2.getDouble("sst");

        modelA.setValueAt(english,0,2);
    }
}
```

```

        modelA.setValueAt(hindi_sanskrit,1,2);
        modelA.setValueAt(mathematics,2,2);
        modelA.setValueAt(science,3,2);
        modelA.setValueAt(sst,4,2);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    String query5 = "select * from preboard_iii_class10 where section = '" + sect + "' and
roll_No = " + rollNumb + "; ";

    ResultSet rs5 = stmt.executeQuery(query5);

    while(rs5.next())
    {
        int gr = rs5.getInt("grno");
        double english = rs5.getDouble("english");
        double hindi_sanskrit = rs5.getDouble("hindi_sanskrit");
        double mathematics = rs5.getDouble("mathematics");
        double science = rs5.getDouble("science");
        double sst = rs5.getDouble("sst");

        modelA.setValueAt(english,0,3);
        modelA.setValueAt(hindi_sanskrit,1,3);
        modelA.setValueAt(mathematics,2,3);
        modelA.setValueAt(science,3,3);
        modelA.setValueAt(sst,4,3);
    }

    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
}

```

```

        String query3 = "select * from miscell10 where section = '" + sect + "' and roll_No = " +
rollNum + "; ";
        ResultSet rs3 = stmt.executeQuery(query3);
        while(rs3.next())
        {
            int gr = rs3.getInt("grno");
            String nameValue = rs3.getString("name");
            String nameTeach = rs3.getString("nameTeach");
            int attend1 = rs3.getInt("attend1");
            int attend2 = rs3.getInt("attend2");
            int promoteClass = rs3.getInt("promoteClass");
            int acad1 = rs3.getInt("acad1");
            int acad2 = rs3.getInt("acad2");

            grNum.setText(" " + gr);
            name.setText(nameValue);
            nameTeacher.setText(nameTeach);
            attendance1.setText(" " + attend1);
            attendance2.setText(" " + attend2);
            promotedToClass.setText(" " + promoteClass);
            academic1.setText(" " + acad1);
            academic2.setText(" " + acad2);
        }
        rs3.close();
        stmt.close();
        con.close();
    }
    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    double totalMarksPB1 = ((double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(1,1) +
(double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(4,1)) /
5;
    double totalMarksPB2 = ((double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) +
(double) modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2)) /
5;

    pb1Percent.setText(" " + totalMarksPB1 + " % ");
    pb2Percent.setText(" " + totalMarksPB2 + " %");
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 11 Commerce Result Form

Class 11 Commerce Result Form

[Back](#)
G.R. Number: Class: 11Roll Number: Section: CommerceName:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / Days
Promoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (...)	HY Total (...)
English Core					
Accountancy					
B St.					
Mathematics	0	0	0	0	
Information Practices	0	0	0	0	
Physical Education	0	0	0	0	
Economics					

Total (out of 500): Percentage (Half Yearly):

Need To Import/Global:

```

import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;

public class Class11CommerceResultForm extends javax.swing.JFrame {
    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalAccount;
    public static double ut2TotalAccount;
    public static double ut1TotalBST;
    public static double ut2TotalBST;
    public static double ut1TotalMath;
    public static double ut2TotalMath;
    public static double ut1TotalIP;
    public static double ut2TotalIP;
    public static double ut1TotalPE;
}

```

```

public static double ut2TotalPE;
public static double ut1TotalEcon;
public static double ut2TotalEcon;

public static double hyEnglish;
public static double hyAccount;
public static double hyBST;
public static double hyMaths;
public static double hyIP;
public static double hyPE;
public static double hyEcon;

public static String grNumber;
public static String classSection;
public static int rollNumber;
public static int academicValue1;
public static int academicValue2;
public static int attendanceValue1;
public static int attendanceValue2;
public static int promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    // DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }
        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i,2) <= 40 && (double) modelA.getValueAt(i,2) >= 0)
        {
            allow2Term1 = true;
        }
    }
}

```

```

    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 70 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 30 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;}}
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksAccount = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksBST = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);
    double marksEcon = (double) modelA.getValueAt(6,3) + (double) modelA.getValueAt(6,4);
    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksAccount, 1, 5);
    modelA.setValueAt(marksBST, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);
    modelA.setValueAt(marksEcon, 6, 5);
}

```

```

        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5) + (double) modelA.getValueAt(6,5);
        double percentage1 = totalMarks1 / 500 * 100;

        resultOutOf5001.setText(" " + totalMarks1);
        resultPercentage1.setText(" " + percentage1 + " %");

        ut1TotalEnglish = (double) modelA.getValueAt(0,1);
        ut2TotalEnglish = (double) modelA.getValueAt(0,2);
        ut1TotalAccount = (double) modelA.getValueAt(1,1);
        ut2TotalAccount = (double) modelA.getValueAt(1,2);
        ut1TotalBST = (double) modelA.getValueAt(2,1);
        ut2TotalBST = (double) modelA.getValueAt(2,2);
        ut1TotalMath = (double) modelA.getValueAt(3,1);
        ut2TotalMath = (double) modelA.getValueAt(3,2);
        ut1TotalIP = (double) modelA.getValueAt(4,1);
        ut2TotalIP = (double) modelA.getValueAt(4,2);
        ut1TotalPE = (double) modelA.getValueAt(5,1);
        ut2TotalPE = (double) modelA.getValueAt(5,2);
        ut1TotalEcon = (double) modelA.getValueAt(6,1);
        ut2TotalEcon = (double) modelA.getValueAt(6,2);
        hyEnglish = (double) modelA.getValueAt(0,5);
        hyAccount = (double) modelA.getValueAt(1,5);
        hyBST = (double) modelA.getValueAt(2,5);
        hyMaths = (double) modelA.getValueAt(3,5);
        hyIP = (double) modelA.getValueAt(4,5);
        hyPE = (double) modelA.getValueAt(5,5);
        hyEcon = (double) modelA.getValueAt(6,5);

    }

    grNumber = grNum.getText();
    classSection = class_Sect.getText();
    rollNumber = Integer.parseInt(rollNo.getText());
    nameValue = name.getText();
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model1 =(DefaultTableModel) tableA.getModel();

    try{
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String ut1 = "Insert into ut1_class11comm values" + "(" + grNum.getText() + " , " + " ' " +
name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' " + " , " + " ' " + rollNo.getText() +
" ' " + " , " + model1.getValueAt(0,1) + " , " + model1.getValueAt(1,1)
+ " , " + model1.getValueAt(2,1) + " , " + model1.getValueAt(3,1) + " , " +
model1.getValueAt(4,1) + " , " + model1.getValueAt(5,1) + " , " + model1.getValueAt(6,1) +")";

        String ut2 = "Insert into ut2_class11comm values" + "(" + grNum.getText() + " , " + " ' " +
name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' " + " , " + " ' " + rollNo.getText() +
" ' " + " , " + model1.getValueAt(0,2) + " , " + model1.getValueAt(1,2)

```

```

        + " , " + model1.getValueAt(2,2) + " , " + model1.getValueAt(3,2) + " , " +
model1.getValueAt(4, 2) + " , " + model1.getValueAt(5,2) + " , " + model1.getValueAt(6,2) +" ;";
        String halfyearly1 = "Insert into hy170_class11comm values" + "(" + grNum.getText() + " , " +
+ " " + name.getText() + " ' " + " , " + " " + class_Sect.getText() + " ' "+ " , " + " " +
rollNo.getText() + " ' " + " , " + model1.getValueAt(0,3) + " , " + model1.getValueAt(1,3)
        + " , " + model1.getValueAt(2,3) + " , " + model1.getValueAt(3,3) + " , " +
model1.getValueAt(4, 3) + " , " + model1.getValueAt(5,3) + " , " + model1.getValueAt(6,3) +" ;";
        String prac1 = "Insert into practical_class11comm values" + "(" + grNum.getText() + " , " +
" " + name.getText() + " ' " + " , " + " " + class_Sect.getText() + " ' "+ " , " + " " +
rollNo.getText() + " ' " + " , " + model1.getValueAt(0,4) + " , " + model1.getValueAt(1,4)
        + " , " + model1.getValueAt(2,4) + " , " + model1.getValueAt(3,4) + " , " +
model1.getValueAt(4, 4) + " , " + model1.getValueAt(5,4) + " , " + model1.getValueAt(6,4) +" ;";
        String miscell = "Insert into miscell_class11comm values" + "(" + " " + name.getText() + " "
+ " " + " " + nameTeacher.getText() + " " + Integer.parseInt(attendance1.getText()) + " , " +
Integer.parseInt(attendance2.getText()) + " , "
        + Integer.parseInt(promotedToClass.getText()) + " , " + Integer.parseInt(academic1.getText()) +
" , " + Integer.parseInt(academic2.getText()) + " , " + rollNo.getText() + " );";
stmt.executeUpdate(miscell);
        stmt.executeUpdate(ut1);
        stmt.executeUpdate(ut2);
        stmt.executeUpdate(prac1);
        stmt.executeUpdate(halfyearly1);

        stmt.close();
        con.close();

        JOptionPane.showMessageDialog(null,"Data Succesfully Entered- Term 1");
    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null,e);
    }
}

```

Continue Form:

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
    {
        this.dispose();
        new Class11CommerceResultForm2().setVisible(true);
    }
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 11 Commerce Result Form 2

Result Form Continued

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Final (70)	Practical (30)	UT-Total (120)	UT (30)	HY (30)	Final (40)	Grand Total (1...
English-Core	0	0	0	0	0	0	0	0
Accountancy	0	0	0	0	0	0	0	0
B St.	0	0	0	0	0	0	0	0
Mathematics/Biology	0	0	0	0	0	0	0	0
Information Practices	0	0	0	0	0	0	0	0
Physical Education	0	0	0	0	0	0	0	0
Economics	0	0	0	0	0	0	0	0

Calculate Total (out of 600): _____ Percentage: _____

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Attendance T-2	

Execute**Enter Next Student****Return to Main Menu**

Need To Import/Global:

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;
```

Calculate:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 6; i++)
```

```

{
    if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
    {
        allow1Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow1Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 70 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 30 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true)
{
    double utTotalEnglish = Class11CommerceResultForm.ut1TotalEnglish +
Class11CommerceResultForm.ut2TotalEnglish + (double) modelA.getValueAt(0,1);
    modelA.setValueAt(utTotalEnglish, 0, 4);
    double utTotalAccount = Class11CommerceResultForm.ut1TotalAccount +
Class11CommerceResultForm.ut2TotalAccount + (double) modelA.getValueAt(1,1);
    modelA.setValueAt(utTotalAccount, 1, 4);
    double utTotalBST = Class11CommerceResultForm.ut1TotalBST +
Class11CommerceResultForm.ut2TotalBST + (double) modelA.getValueAt(2,1);
    modelA.setValueAt(utTotalBST, 2, 4);
}

```

```

        double utTotalMathematics = Class11CommerceResultForm.ut1TotalMath +
Class11CommerceResultForm.ut2TotalMath + (double) modelA.getValueAt(3,1);
        modelA.setValueAt(utTotalMathematics, 3, 4);
        double utTotalIP = Class11CommerceResultForm.ut1TotalIP +
Class11CommerceResultForm.ut2TotalIP + (double) modelA.getValueAt(4,1);
        modelA.setValueAt(utTotalIP, 4, 4);
        double utTotalPE = Class11CommerceResultForm.ut1TotalPE +
Class11CommerceResultForm.ut2TotalPE + (double) modelA.getValueAt(5,1);
        modelA.setValueAt(utTotalPE, 5, 4);
        double utTotalEcon = Class11CommerceResultForm.ut1TotalEcon +
Class11CommerceResultForm.ut2TotalEcon + (double) modelA.getValueAt(6,1);
        modelA.setValueAt(utTotalEcon, 6, 4);

        double utTotalEnglishWeighted = utTotalEnglish / 4;
        double utTotalAccountWeighted = utTotalAccount / 4;
        double utTotalBSTWeighted = utTotalBST / 4;
        double utTotalMathsWeighted = utTotalMathematics / 4;
        double utTotalIPWeighted = utTotalIP / 4;
        double utTotalPEWeighted = utTotalPE / 4;
        double utTotalEconWeighted = utTotalEcon / 4;

        modelA.setValueAt(utTotalEnglishWeighted, 0, 5);
        modelA.setValueAt(utTotalAccountWeighted, 1, 5);
        modelA.setValueAt(utTotalBSTWeighted, 2, 5);
        modelA.setValueAt(utTotalMathsWeighted, 3, 5);
        modelA.setValueAt(utTotalIPWeighted, 4, 5);
        modelA.setValueAt(utTotalPEWeighted, 5, 5);
        modelA.setValueAt(utTotalEconWeighted, 6, 5);

        double hyTotalEnglish = (Class11CommerceResultForm.hyEnglish / 100 ) * 30;
modelA.setValueAt(hyTotalEnglish,0,6);
        double hyTotalAccount = (Class11CommerceResultForm.hyAccount / 100 ) * 30;
modelA.setValueAt(hyTotalAccount,1,6);
        double hyTotalBST = (Class11CommerceResultForm.hyBST / 100 ) * 30;
modelA.setValueAt(hyTotalBST,2,6);
        double hyTotalMaths = (Class11CommerceResultForm.hyMaths / 100 ) * 30;
modelA.setValueAt(hyTotalMaths,3,6);
        double hyTotalIP = (Class11CommerceResultForm.hyIP / 100 ) * 30;
modelA.setValueAt(hyTotalIP,4,6);
        double hyTotalPE = (Class11CommerceResultForm.hyPE / 100 ) * 30;
modelA.setValueAt(hyTotalPE,5,6);
        double hyTotalEcon = (Class11CommerceResultForm.hyEcon / 100 ) * 30;
modelA.setValueAt(hyTotalEcon,6,6);

        double marksEnglish = (double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(0,2);
        double marksAccount = (double) modelA.getValueAt(1,1) + (double) modelA.getValueAt(1,2);
        double marksBST = (double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(2,2);
        double marksMathematics = (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(3,2);
        double marksIP = (double) modelA.getValueAt(4,1) + (double) modelA.getValueAt(4,2);
        double marksPE = (double) modelA.getValueAt(5,1) + (double) modelA.getValueAt(5,2);
        double marksEcon = (double) modelA.getValueAt(6,1) + (double) modelA.getValueAt(6,2);

        double marksFinalEnglish = (marksEnglish / 100 ) * 40;
        double marksFinalAccount = (marksAccount / 100 ) * 40;
        double marksFinalBST = (marksBST / 100 ) * 40;
        double marksFinalMaths = (marksMathematics / 100 ) * 40;
        double marksFinalIP = (marksIP / 100 ) * 40;
        double marksFinalPE = (marksPE / 100 ) * 40;
        double marksFinalEcon = (marksEcon / 100 ) * 40;
    
```

```

modelA.setValueAt(marksFinalEnglish, 0, 7);
modelA.setValueAt(marksFinalAccount, 1, 7);
modelA.setValueAt(marksFinalBST, 2, 7);
modelA.setValueAt(marksFinalMaths, 3, 7);
modelA.setValueAt(marksFinalIP, 4, 7);
modelA.setValueAt(marksFinalPE, 5, 7);
modelA.setValueAt(marksFinalEcon, 6, 7);

double finalEnglish = utTotalEnglishWeighted + hyTotalEnglish + marksFinalEnglish;
double finalAccount = utTotalAccountWeighted + hyTotalAccount + marksFinalAccount;
double finalBST = utTotalBSTWeighted + hyTotalBST + marksFinalBST;
double finalMaths = utTotalMathsWeighted + hyTotalMaths + marksFinalMaths;
double finalIP = utTotalIPWeighted + hyTotalIP + marksFinalIP;
double finalPE = utTotalPEWeighted + hyTotalPE + marksFinalPE;
double finalEcon = utTotalEconWeighted + hyTotalEcon + marksFinalEcon;

modelA.setValueAt(finalEnglish, 0, 8);
modelA.setValueAt(finalAccount, 1, 8);
modelA.setValueAt(finalBST, 2, 8);
modelA.setValueAt(finalMaths, 3, 8);
modelA.setValueAt(finalIP, 4, 8);
modelA.setValueAt(finalPE, 5, 8);
modelA.setValueAt(finalEcon, 6, 8);

double totalMarks1 = (double) modelA.getValueAt(0,8) + (double) modelA.getValueAt(1,8) +
(double) modelA.getValueAt(2,8) + (double) modelA.getValueAt(3,8) + (double) modelA.getValueAt(4,8) +
(double) modelA.getValueAt(5,8) + (double) modelA.getValueAt(6,8);
double percentage1 = totalMarks1 / 500 * 100;

resultOutOf5002.setText(" " + totalMarks1);
resultPercentage2.setText(" " + percentage1 + " %");
}
}

```

Execute:

W E L S P U N

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model2 = (DefaultTableModel) tableB.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    try{
        String gr = Class11CommerceResultForm.grNumber;
        //JOptionPane.showMessageDialog(null, gr);
        String section = Class11CommerceResultForm.classSection;
        int rollNum = Class11CommerceResultForm.rollNumber;
        String name = Class11CommerceResultForm.nameValue;

        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject", "root", "ankit");
        Statement stmt = (Statement) con.createStatement();

        String ut3 = "Insert into ut3_class11comm values" + "(" + gr + " , " + " " + " " + name + " " +
+ " , " + " " + section + " " + " , " + " " + rollNum + " " + " + " , " + model2.getValueAt(0,1) + " ,
" + model2.getValueAt(1,1)
    }
}

```

```

        + " , " + model2.getValueAt(2,1) + " , " + model2.getValueAt(3,1) + " , " +
model2.getValueAt(4,1) + " , " + model2.getValueAt(5,1) + " , " + model2.getValueAt(6,1) + ");";

        String prac2 = "Insert into practical2_class11comm values" + "(" + gr + " , " + " " + name
+ " " + " , " + " " + section + " " + " , " + " " + rollNum + " " + " , " +
model2.getValueAt(0,3) + " , " + model2.getValueAt(1,3)
        + " , " + model2.getValueAt(2,3) + " , " + model2.getValueAt(3,3) + " , " +
model2.getValueAt(4,3) + " , " + model2.getValueAt(5,3) + " , " + model2.getValueAt(6,3) + ");";

        String halfyealrly2 = "Insert into hy270_class11comm values" + "(" + gr + " , " + " " +
name + " " + " , " + " " + section + " " + " , " + " " + rollNum + " " + " , " +
model2.getValueAt(0,2) + " , " + model2.getValueAt(1,2)
        + " , " + model2.getValueAt(2,2) + " , " + model2.getValueAt(3,2) + " , " +
model2.getValueAt(4,2) + " , " + model2.getValueAt(5,2) + " , " + model2.getValueAt(6,2) + ");";

        String coArea = "Insert into coAreas_class11comm values'" + modelC.getValueAt(0,1) + "' , '"
+ modelC.getValueAt(1,1) + "' , '" + modelC.getValueAt(2,1) + "' , '" + modelC.getValueAt(3,1) + "' , "
+ rollNum + "';";
stmt.executeUpdate(coArea);

stmt.executeUpdate(ut3);
stmt.executeUpdate(prac2);
stmt.executeUpdate(halfyealrly2);

JOptionPane.showMessageDialog(null, "Data Successfully Entered- Term 2");

stmt.close();
con.close();
}

catch(Exception e)
{
    JOptionPane.showMessageDialog(null,e);
}
}

```

Enter Next Student:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();
    new Class11CommerceResultForm().setVisible(true); // TODO add your handling
code here:
}

```

Return to Main Menu:

```

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true);
}

```

Class 11 Commerce Update Form

Class 11 Commerce Update Form

[Back](#)
Section: **Commerce**Class: **9**

Roll Number:

G.R. Number:

Name:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / Days

Promoted to Class (enter Number):

20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (...	HY Total (...)
English Core					
Accountancy					
B St					
Mathematics	0	0	0	0	
Information Practices	0	0	0	0	
Physical Education	0	0	0	0	
Economics					

Total (out of 500):

Percentage (Half Yearly):

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class11CommerceUpdateForm extends javax.swing.JFrame {
    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalAccount;
    public static double ut2TotalAccount;
    public static double ut1TotalBST;
    public static double ut2TotalBST;
    public static double ut1TotalMath;
}

```

```

public static double ut2TotalMath;
public static double ut1TotalIP;
public static double ut2TotalIP;
public static double ut1TotalPE;
public static double ut2TotalPE;
public static double ut1TotalEcon;
public static double ut2TotalEcon;

public static double hyEnglish;
public static double hyAccount;
public static double hyBST;
public static double hyMaths;
public static double hyIP;
public static double hyPE;
public static double hyEcon;

public static String grNumber;
public static String classSection;
public static int rollNumber;
public static int academicValue1;
public static int academicValue2;
public static int attendanceValue1;
public static int attendanceValue2;
public static int promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    rollNumber = Integer.parseInt(rollNo.getText());
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    //utl_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
        "root", "ankit");
        Statement stmt = con.createStatement();
        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name
        String query1 = "select * from utl_class11comm where roll_No = " + rollNumber + "; ";
        ResultSet rs = stmt.executeQuery(query1);
        while(rs.next())
        {
            JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double acc = rs.getDouble("accountancy");

```

```
        double bst = rs.getDouble("bst");
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");
        double econ = rs.getDouble("economics");

        name.setText(nameVal);
        grNum.setText(" " + grNumber);
        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(acc, 1, 1);
        modelA.setValueAt(bst, 2, 1);
        modelA.setValueAt(maths, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);
        modelA.setValueAt(econ, 6, 1);

    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//ut2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from ut2_class11comm where roll_No = " + rollNumber + "; ";
    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double acc = rs2.getDouble("accountancy");
        double bst = rs2.getDouble("bst");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");
        double econ = rs2.getDouble("economics");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(acc, 1, 2);
        modelA.setValueAt(bst, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
        modelA.setValueAt(econ, 6, 2);
    }

    rs2.close();
    stmt.close();
}
```

```

        con.close();

    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //hy170_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query3 = "select * from hy170_class11comm where roll_No = " + rollNumber + "; ";

        ResultSet rs3 = stmt.executeQuery(query3);

        while(rs3.next())
        {
            double english = rs3.getDouble("english");
            double acc = rs3.getDouble("accountancy");
            double bst = rs3.getDouble("bst");
            double maths = rs3.getDouble("Mathematics");
            double ip = rs3.getDouble("ip");
            double pe = rs3.getDouble("pe");
            double econ = rs3.getDouble("economics");

            modelA.setValueAt(english, 0, 3);
            modelA.setValueAt(acc, 1, 3);
            modelA.setValueAt(bst, 2, 3);
            modelA.setValueAt(maths, 3, 3);
            modelA.setValueAt(ip, 4, 3);
            modelA.setValueAt(pe, 5, 3);
            modelA.setValueAt(econ, 6, 3);
        }

        rs3.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //practical11_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query4 = "select * from practical11_class11comm where roll_No = " + rollNumber + "; ";

        ResultSet rs4 = stmt.executeQuery(query4);

        while(rs4.next())
    }

```

```

    {
        double english = rs4.getDouble("english");
        double acc = rs4.getDouble("accountancy");
        double bst = rs4.getDouble("bst");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");
        double econ = rs4.getDouble("economics");

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(acc, 1, 4);
        modelA.setValueAt(bst, 2, 4);
        modelA.setValueAt(maths, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
        modelA.setValueAt(econ, 6, 4);
    }

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
double marksAccount = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
double marksBST = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);
double marksEcon = (double) modelA.getValueAt(6,3) + (double) modelA.getValueAt(6,4);

modelA.setValueAt(marksEnglish, 0, 5);
modelA.setValueAt(marksAccount, 1, 5);
modelA.setValueAt(marksBST, 2, 5);
modelA.setValueAt(marksMathematics, 3, 5);
modelA.setValueAt(marksIP, 4, 5);
modelA.setValueAt(marksPE, 5, 5);
modelA.setValueAt(marksEcon, 6, 5);

    double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5) + (double) modelA.getValueAt(6,5);
    double percentage1 = totalMarks1 / 500 * 100;

    resultOutOf5001.setText(" " + totalMarks1);
    resultPercentage1.setText(" " + percentage1 + " %");

//miscell_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
}

```

```

String query3 = "select * from miscell_class11comm where roll_No = " + rollNumber + "; ";
ResultSet rs5 = stmt.executeQuery(query3);

while(rs5.next())
{
    String nameVal = rs5.getString("name");
    String nameTea = rs5.getString("nameTeach");
    int att1 = rs5.getInt("attend1");
    int att2 = rs5.getInt("attend2");
    int acad1 = rs5.getInt("acad1");
    int acad2 = rs5.getInt("acad2");
    int proClass = rs5.getInt("promoteClass");

    name.setText(nameVal);
    nameTeacher.setText(nameTea);
    attendance1.setText(" " + att1);
    attendance2.setText(" " + att2);
    academic1.setText(" " + acad1);
    academic2.setText(" " + acad2);
    promotedToClass.setText(" " + proClass);
}

rs5.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
// DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

boolean allow1Term1 = false;
boolean allow2Term1 = false;
boolean allow3Term1 = false;
boolean allow4Term1 = false;

//Show pop-up dialog restricting the data values- Term 1
for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
    {
        allow1Term1 = true;
    }
}

```

```
        else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow1Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 40 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 70 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 30 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
```

```

        double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
        double marksAccount = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
        double marksBST = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
        double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
        double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
        double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);
        double marksEcon = (double) modelA.getValueAt(6,3) + (double) modelA.getValueAt(6,4);

        modelA.setValueAt(marksEnglish, 0, 5);
        modelA.setValueAt(marksAccount, 1, 5);
        modelA.setValueAt(marksBST, 2, 5);
        modelA.setValueAt(marksMathematics, 3, 5);
        modelA.setValueAt(marksIP, 4, 5);
        modelA.setValueAt(marksPE, 5, 5);
        modelA.setValueAt(marksEcon, 6, 5);

        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
        (double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
        (double) modelA.getValueAt(5,5) + (double) modelA.getValueAt(6,5);
        double percentage1 = totalMarks1 / 500 * 100;

        resultOutOf5001.setText(" " + totalMarks1);
        resultPercentage1.setText(" " + percentage1 + " %");

    }

}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model1 =(DefaultTableModel) tableA.getModel();
    rollNumber = Integer.parseInt(rollNo.getText());
    try{
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String updateutleng = "update utl_class11comm set English = " + model1.getValueAt(0,1) + "
where roll_No = " + rollNumber + "; ";
        String updateutlacc = "update utl_class11comm set Accountancy = " + model1.getValueAt(1,1) +
" where roll_No = " + rollNumber + "; ";
        String updateutlbst = "update utl_class11comm set bst = " + model1.getValueAt(2,1) + " where
roll_No = " + rollNumber + "; ";
        String updateutlmaths = "update utl_class11comm set Mathematics = " + model1.getValueAt(3,1)
+ " where roll_No = " + rollNumber + "; ";
        String updateutlip = "update utl_class11comm set IP = " + model1.getValueAt(4,1) + " where
roll_No = " + rollNumber + "; ";
        String updateutlpe = "update utl_class11comm set PE = " + model1.getValueAt(5,1) + " where
roll_No = " + rollNumber + "; ";
        String updateutlecon = "update utl_class11comm set economics = " + model1.getValueAt(6,1) +
" where roll_No = " + rollNumber + "; ";
    }
}

```

```

String updateut2eng = "update ut2_class11comm set English = " + model1.getValueAt(0,2) + "
where roll_No = " + rollNumber + "; ";
String updateut2acc = "update ut2_class11comm set accountancy = " + model1.getValueAt(1,2)
+ " where roll_No = " + rollNumber + "; ";
String updateut2bst = "update ut2_class11comm set bst = " + model1.getValueAt(2,2) + " where
roll_No = " + rollNumber + "; ";
String updateut2maths = "update ut2_class11comm set Mathematics = " + model1.getValueAt(3,2)
+ " where roll_No = " + rollNumber + "; ";
String updateut2ip = "update ut2_class11comm set IP = " + model1.getValueAt(4,2) + " where
roll_No = " + rollNumber + "; ";
String updateut2pe = "update ut2_class11comm set PE = " + model1.getValueAt(5,2) + " where
roll_No = " + rollNumber + "; ";
String updateut2econ = "update ut2_class11comm set economics = " + model1.getValueAt(6,2) +
" where roll_No = " + rollNumber + "; ";

String updatehalfyearlyleng = "update hy170_class11comm set English = " +
model1.getValueAt(0,3) + " where roll_No = " + rollNumber + "; ";
String updatehalfyearlylacc = "update hy170_class11comm set accountancy = " +
model1.getValueAt(1,3) + " where roll_No = " + rollNumber + "; ";
String updatehalfyearlylbst = "update hy170_class11comm set bst = " + model1.getValueAt(2,3)
+ " where roll_No = " + rollNumber + "; ";
String updatehalfyearlylmaths = "update hy170_class11comm set Mathematics = " +
model1.getValueAt(3,3) + " where roll_No = " + rollNumber + "; ";
String updatehalfyearlylip = "update hy170_class11comm set IP = " + model1.getValueAt(4,3)
+ " where roll_No = " + rollNumber + "; ";
String updatehalfyearlylpe = "update hy170_class11comm set PE = " + model1.getValueAt(5,3)
+ " where roll_No = " + rollNumber + "; ";
String updatehalfyearlylecon = "update hy170_class11comm set economics = " +
model1.getValueAt(6,3) + " where roll_No = " + rollNumber + "; ";

String updateprac1eng = "update practical1_class11comm set English = " +
model1.getValueAt(0,4) + " where roll_No = " + rollNumber + "; ";
String updateprac1acc = "update practical1_class11comm set accountancy = " +
model1.getValueAt(1,4) + " where roll_No = " + rollNumber + "; ";
String updateprac1bst = "update practical1_class11comm set bst = " + model1.getValueAt(2,4)
+ " where roll_No = " + rollNumber + "; ";
String updateprac1maths = "update practical1_class11comm set Mathematics = " +
model1.getValueAt(3,4) + " where roll_No = " + rollNumber + "; ";
String updateprac1lip = "update practical1_class11comm set IP = " + model1.getValueAt(4,4) + "
where roll_No = " + rollNumber + "; ";
String updateprac1pe = "update practical1_class11comm set PE = " + model1.getValueAt(5,4) +
" where roll_No = " + rollNumber + "; ";
String updatepraclecon = "update practical1_class11comm set economics = " +
model1.getValueAt(6,4) + " where roll_No = " + rollNumber + "; ";

String updatemiscell = "update miscell_class11comm set name = '" + name.getText() + "' ,
nameTeach = '" + nameTeacher.getText() + "', attend1 =
+ attendance1.getText() + ", attend2 = " + attendance2.getText() + ", promoteClass = " +
promotedToClass.getText() + ", acad1 = " +
academic1.getText() + ", acad2 = " + academic2.getText() + " where roll_No = " + rollNumber
+ "; ";

stmt.executeUpdate(updatemiscell);

stmt.executeUpdate(updateut1eng);
stmt.executeUpdate(updateut1acc);
stmt.executeUpdate(updateut1bst);
stmt.executeUpdate(updateut1maths);
stmt.executeUpdate(updateut1lip);

```

```

stmt.executeUpdate(updateut1pe);
stmt.executeUpdate(updateut1econ);

stmt.executeUpdate(updateut2eng);
stmt.executeUpdate(updateut2acc);
stmt.executeUpdate(updateut2bst);
stmt.executeUpdate(updateut2maths);
stmt.executeUpdate(updateut2ip);
stmt.executeUpdate(updateut2pe);
stmt.executeUpdate(updateut2econ);

stmt.executeUpdate(updateprac1eng);
stmt.executeUpdate(updateprac1acc);
stmt.executeUpdate(updateprac1bst);
stmt.executeUpdate(updateprac1maths);
stmt.executeUpdate(updateprac1ip);
stmt.executeUpdate(updateprac1pe);
stmt.executeUpdate(updatepraclecon);

stmt.executeUpdate(updatehalfyearlyeng);
stmt.executeUpdate(updatehalfyearlyacc);
stmt.executeUpdate(updatehalfyearlybst);
stmt.executeUpdate(updatehalfyearlymaths);
stmt.executeUpdate(updatehalfyearlyip);
stmt.executeUpdate(updatehalfyearlype);
stmt.executeUpdate(updatehalfyearlyecon);

JOptionPane.showMessageDialog(null, "Data Succesfully Updated");

stmt.close();
con.close();
}

catch(Exception e)
{
    JOptionPane.showMessageDialog(null,e);
}
}

```

Continue Form:

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    ut1TotalEnglish = (double) modelA.getValueAt(0,1);
    ut2TotalEnglish = (double) modelA.getValueAt(0,2);
    ut1TotalAccount = (double) modelA.getValueAt(1,1);
    ut2TotalAccount = (double) modelA.getValueAt(1,2);
    ut1TotalBST = (double) modelA.getValueAt(2,1);
    ut2TotalBST = (double) modelA.getValueAt(2,2);
    ut1TotalMath = (double) modelA.getValueAt(3,1);
    ut2TotalMath = (double) modelA.getValueAt(3,2);
    ut1TotalIP = (double) modelA.getValueAt(4,1);
    ut2TotalIP = (double) modelA.getValueAt(4,2);
    ut1TotalPE = (double) modelA.getValueAt(5,1);
    ut2TotalPE = (double) modelA.getValueAt(5,2);
    ut1TotalEcon = (double) modelA.getValueAt(6,1);
}

```

```

ut2TotalEcon = (double) modelA.getValueAt(6,2);

hyEnglish = (double) modelA.getValueAt(0,5);
hyAccount = (double) modelA.getValueAt(1,5);
hyBST = (double) modelA.getValueAt(2,5);
hyMaths = (double) modelA.getValueAt(3,5);
hyIP = (double) modelA.getValueAt(4,5);
hyPE = (double) modelA.getValueAt(5,5);
hyEcon = (double) modelA.getValueAt(6,5);

grNumber = grNum.getText();
classSection = class_Sect.getText();
rollNumber = Integer.parseInt(rollNo.getText());
nameValue = name.getText();

int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

if (option == 0)
{
    this.dispose();
    new Class11CommerceUpdateForm2().setVisible(true);
}
}
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
}

```

W E L S P U N

W E L S P U N

Let music (Khosla) come to us from every side!

Class 11 Commerce Update Form 2

Get Original Results

Update Form Continued

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Final (70)	Practical (30)	UT-Total (120)	UT (30)	HY (30)	Final (40)	Grand Total (1...
English-Core								
Physics								
Chemistry								
Mathematics/Biology								
Information Practices	0	0	0					
Physical Education	0	0	0					
Economics								

Calculate

Total (out of 600):

Percentage:

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Discipline	

Execute

Enter Next Student

Return to Main Menu

Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel
```

Get Original Results:

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

    int roll = Class11CommerceUpdateForm.rollNumber;
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    //ut3_class11sci
```

```

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    String query1 = "select * from ut3_class11comm where roll_No = " + roll + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        // JOptionPane.showMessageDialog(null, "Test");
        int grNumber = rs.getInt("grno");
        String nameVal = rs.getString("name");
        double english = rs.getDouble("english");
        double acc = rs.getDouble("accountancy");
        double bst = rs.getDouble("bst");
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");
        double econ = rs.getDouble("economics");

        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(acc, 1, 1);
        modelA.setValueAt(bst, 2, 1);
        modelA.setValueAt(maths, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);
        modelA.setValueAt(econ, 6, 1);
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//hy270_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from hy270_class11comm where roll_No = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double acc = rs2.getDouble("accountancy");
        double bst = rs2.getDouble("bst");
    }
}

```

```
double maths = rs2.getDouble("Mathematics");
double ip = rs2.getDouble("ip");
double pe = rs2.getDouble("pe");
double econ = rs2.getDouble("economics");

modelA.setValueAt(english, 0, 2);
modelA.setValueAt(acc, 1, 2);
modelA.setValueAt(bst, 2, 2);
modelA.setValueAt(maths, 3, 2);
modelA.setValueAt(ip, 4, 2);
modelA.setValueAt(pe, 5, 2);
modelA.setValueAt(econ, 6, 2);
}

rs2.close();
stmt.close();
con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

Statement stmt = con.createStatement();
String query3 = "select * from practical2_class11comm where roll_No = " + roll + "; ";

ResultSet rs3 = stmt.executeQuery(query3);

while(rs3.next())
{
    double english = rs3.getDouble("english");
    double acc = rs3.getDouble("accountancy");
    double bst = rs3.getDouble("bst");
    double maths = rs3.getDouble("Mathematics");
    double ip = rs3.getDouble("ip");
    double pe = rs3.getDouble("pe");
    double econ = rs3.getDouble("economics");

    modelA.setValueAt(english, 0, 3);
    modelA.setValueAt(acc, 1, 3);
    modelA.setValueAt(bst, 2, 3);
    modelA.setValueAt(maths, 3, 3);
    modelA.setValueAt(ip, 4, 3);
    modelA.setValueAt(pe, 5, 3);
    modelA.setValueAt(econ, 6, 3);
}

rs3.close();
stmt.close();
con.close();
}
```

```

        catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }

        try {
            Class.forName("java.sql.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

            Statement stmt = con.createStatement();
            String query2 = "select * from coAreas_class11comm where roll_No = " + roll + "; ";

            ResultSet rs4 = stmt.executeQuery(query2);

            while(rs4.next())
            {
                String work = rs4.getString("workExp");
                String env = rs4.getString("enviornment");
                String att1 = rs4.getString("attend1");
                String att2 = rs4.getString("attend2");

                modelC.setValueAt(work, 0, 1);
                modelC.setValueAt(env, 1, 1);
                modelC.setValueAt(att1, 2, 1);
                modelC.setValueAt(att2, 3, 1);
            }

            rs4.close();
            stmt.close();
            con.close();
        }

        catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }

        double utTotalEnglish = Class11CommerceUpdateForm.ut1TotalEnglish +
Class11CommerceUpdateForm.ut2TotalEnglish + (double) modelA.getValueAt(0,1);
        modelA.setValueAt(utTotalEnglish, 0, 4);
        double utTotalAccount = Class11CommerceUpdateForm.ut1TotalAccount +
Class11CommerceUpdateForm.ut2TotalAccount + (double) modelA.getValueAt(1,1);
        modelA.setValueAt(utTotalAccount, 1, 4);
        double utTotalBST = Class11CommerceUpdateForm.ut1TotalBST +
Class11CommerceUpdateForm.ut2TotalBST + (double) modelA.getValueAt(2,1);
        modelA.setValueAt(utTotalBST, 2, 4);
        double utTotalMathematics = Class11CommerceUpdateForm.ut1TotalMath +
Class11CommerceUpdateForm.ut2TotalMath + (double) modelA.getValueAt(3,1);
        modelA.setValueAt(utTotalMathematics, 3, 4);
        double utTotalIP = Class11CommerceUpdateForm.ut1TotalIP + Class11CommerceUpdateForm.ut2TotalIP +
(double) modelA.getValueAt(4,1);
        modelA.setValueAt(utTotalIP, 4, 4);
        double utTotalPE = Class11CommerceUpdateForm.ut1TotalPE + Class11CommerceUpdateForm.ut2TotalPE +
(double) modelA.getValueAt(5,1);
        modelA.setValueAt(utTotalPE, 5, 4);
        double utTotalEcon = Class11CommerceUpdateForm.ut1TotalEcon +
Class11CommerceUpdateForm.ut2TotalEcon + (double) modelA.getValueAt(6,1);
        modelA.setValueAt(utTotalEcon, 6, 4);
    }
}

```

```

double utTotalEnglishWeighted = utTotalEnglish / 4;
double utTotalAccountWeighted = utTotalAccount / 4;
double utTotalBSTWeighted = utTotalBST / 4;
double utTotalMathsWeighted = utTotalMathematics / 4;
double utTotalIPWeighted = utTotalIP / 4;
double utTotalPEWeighted = utTotalPE / 4;
double utTotalEconWeighted = utTotalEcon / 4;

modelA.setValueAt(utTotalEnglishWeighted, 0, 5);
modelA.setValueAt(utTotalAccountWeighted, 1, 5);
modelA.setValueAt(utTotalBSTWeighted, 2, 5);
modelA.setValueAt(utTotalMathsWeighted, 3, 5);
modelA.setValueAt(utTotalIPWeighted, 4, 5);
modelA.setValueAt(utTotalPEWeighted, 5, 5);
modelA.setValueAt(utTotalEconWeighted, 6, 5);

double hyTotalEnglish = (Class11CommerceUpdateForm.hyEnglish / 100) * 30;
modelA.setValueAt(hyTotalEnglish, 0, 6);
double hyTotalAccount = (Class11CommerceUpdateForm.hyAccount / 100) * 30;
modelA.setValueAt(hyTotalAccount, 1, 6);
double hyTotalBST = (Class11CommerceUpdateForm.hyBST / 100) * 30;
modelA.setValueAt(hyTotalBST, 2, 6);
double hyTotalMaths = (Class11CommerceUpdateForm.hyMaths / 100) * 30;
modelA.setValueAt(hyTotalMaths, 3, 6);
double hyTotalIP = (Class11CommerceUpdateForm.hyIP / 100) * 30;
modelA.setValueAt(hyTotalIP, 4, 6);
double hyTotalPE = (Class11CommerceUpdateForm.hyPE / 100) * 30;
modelA.setValueAt(hyTotalPE, 5, 6);
double hyTotalEcon = (Class11CommerceUpdateForm.hyEcon / 100) * 30;
modelA.setValueAt(hyTotalEcon, 6, 6);

double marksEnglish = (double) modelA.getValueAt(0, 1) + (double) modelA.getValueAt(0, 2);
double marksAccount = (double) modelA.getValueAt(1, 1) + (double) modelA.getValueAt(1, 2);
double marksBST = (double) modelA.getValueAt(2, 1) + (double) modelA.getValueAt(2, 2);
double marksMathematics = (double) modelA.getValueAt(3, 1) + (double) modelA.getValueAt(3, 2);
double marksIP = (double) modelA.getValueAt(4, 1) + (double) modelA.getValueAt(4, 2);
double marksPE = (double) modelA.getValueAt(5, 1) + (double) modelA.getValueAt(5, 2);
double marksEcon = (double) modelA.getValueAt(6, 1) + (double) modelA.getValueAt(6, 2);

double marksFinalEnglish = (marksEnglish / 100) * 40;
double marksFinalAccount = (marksAccount / 100) * 40;
double marksFinalBST = (marksBST / 100) * 40;
double marksFinalMaths = (marksMathematics / 100) * 40;
double marksFinalIP = (marksIP / 100) * 40;
double marksFinalPE = (marksPE / 100) * 40;
double marksFinalEcon = (marksEcon / 100) * 40;

modelA.setValueAt(marksFinalEnglish, 0, 7);
modelA.setValueAt(marksFinalAccount, 1, 7);
modelA.setValueAt(marksFinalBST, 2, 7);
modelA.setValueAt(marksFinalMaths, 3, 7);
modelA.setValueAt(marksFinalIP, 4, 7);
modelA.setValueAt(marksFinalPE, 5, 7);
modelA.setValueAt(marksFinalEcon, 6, 7);

double finalEnglish = utTotalEnglishWeighted + hyTotalEnglish + marksFinalEnglish;
double finalAccount = utTotalAccountWeighted + hyTotalAccount + marksFinalAccount;
double finalBST = utTotalBSTWeighted + hyTotalBST + marksFinalBST;

```

```

        double finalMaths = utTotalMathsWeighted + hyTotalMaths + marksFinalMaths;
        double finalIP = utTotalIPWeighted + hyTotalIP + marksFinalIP;
        double finalPE = utTotalPEWeighted + hyTotalPE + marksFinalPE;
        double finalEcon = utTotalEconWeighted + hyTotalEcon + marksFinalEcon;

        modelA.setValueAt(finalEnglish, 0, 8);
        modelA.setValueAt(finalAccount, 1, 8);
        modelA.setValueAt(finalBST, 2, 8);
        modelA.setValueAt(finalMaths, 3, 8);
        modelA.setValueAt(finalIP, 4, 8);
        modelA.setValueAt(finalPE, 5, 8);
        modelA.setValueAt(finalEcon, 6, 8);

        double totalMarks1 = (double) modelA.getValueAt(0, 8) + (double) modelA.getValueAt(1, 8) +
(double) modelA.getValueAt(2, 8) + (double) modelA.getValueAt(3, 8) + (double) modelA.getValueAt(4, 8) +
(double) modelA.getValueAt(5, 8) + (double) modelA.getValueAt(6, 8);
        double percentage1 = totalMarks1 / 500 * 100;

        resultOutOf5002.setText(" " + totalMarks1);
        resultPercentage2.setText(" " + percentage1 + " %");
    }
}

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i, 1) <= 40 && (double) modelA.getValueAt(i, 1) >= 0)
        {
            allow1Term1 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i, 2) <= 70 && (double) modelA.getValueAt(i, 2) >= 0)
        {
            allow2Term1 = true;
        }

        else
        {

```

```

        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 30 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true)
{
    double utTotalEnglish = Class11CommerceUpdateForm.ut1TotalEnglish +
Class11CommerceUpdateForm.ut2TotalEnglish + (double) modelA.getValueAt(0,1);
    modelA.setValueAt(utTotalEnglish, 0, 4);
    double utTotalAccount = Class11CommerceUpdateForm.ut1TotalAccount +
Class11CommerceUpdateForm.ut2TotalAccount + (double) modelA.getValueAt(1,1);
    modelA.setValueAt(utTotalAccount, 1, 4);
    double utTotalBST = Class11CommerceUpdateForm.ut1TotalBST +
Class11CommerceUpdateForm.ut2TotalBST + (double) modelA.getValueAt(2,1);
    modelA.setValueAt(utTotalBST, 2, 4);
    double utTotalMathematics = Class11CommerceUpdateForm.ut1TotalMath +
Class11CommerceUpdateForm.ut2TotalMath + (double) modelA.getValueAt(3,1);
    modelA.setValueAt(utTotalMathematics, 3, 4);
    double utTotalIP = Class11CommerceUpdateForm.ut1TotalIP +
Class11CommerceUpdateForm.ut2TotalIP + (double) modelA.getValueAt(4,1);
    modelA.setValueAt(utTotalIP, 4, 4);
    double utTotalPE = Class11CommerceUpdateForm.ut1TotalPE +
Class11CommerceUpdateForm.ut2TotalPE + (double) modelA.getValueAt(5,1);
    modelA.setValueAt(utTotalPE, 5, 4);
    double utTotalEcon = Class11CommerceUpdateForm.ut1TotalEcon +
Class11CommerceUpdateForm.ut2TotalEcon + (double) modelA.getValueAt(6,1);
    modelA.setValueAt(utTotalEcon, 6, 4);

    double utTotalEnglishWeighted = utTotalEnglish / 4;
    double utTotalAccountWeighted = utTotalAccount / 4;
    double utTotalBSTWeighted = utTotalBST / 4;
    double utTotalMathsWeighted = utTotalMathematics / 4;
    double utTotalIPWeighted = utTotalIP / 4;
    double utTotalPEWeighted = utTotalPE / 4;
    double utTotalEconWeighted = utTotalEcon / 4;

    modelA.setValueAt(utTotalEnglishWeighted, 0, 5);
    modelA.setValueAt(utTotalAccountWeighted, 1, 5);
    modelA.setValueAt(utTotalBSTWeighted, 2, 5);
    modelA.setValueAt(utTotalMathsWeighted, 3, 5);
}

```

```
modelA.setValueAt(utTotalIPWeighted, 4, 5);
modelA.setValueAt(utTotalPEWeighted, 5, 5);
modelA.setValueAt(utTotalEconWeighted, 6, 5);

double hyTotalEnglish = (Class11CommerceUpdateForm.hyEnglish / 100) * 30;
modelA.setValueAt(hyTotalEnglish, 0, 6);
double hyTotalAccount = (Class11CommerceUpdateForm.hyAccount / 100) * 30;
modelA.setValueAt(hyTotalAccount, 1, 6);
double hyTotalBST = (Class11CommerceUpdateForm.hyBST / 100) * 30;
modelA.setValueAt(hyTotalBST, 2, 6);
double hyTotalMaths = (Class11CommerceUpdateForm.hyMaths / 100) * 30;
modelA.setValueAt(hyTotalMaths, 3, 6);
double hyTotalIP = (Class11CommerceUpdateForm.hyIP / 100) * 30;
modelA.setValueAt(hyTotalIP, 4, 6);
double hyTotalPE = (Class11CommerceUpdateForm.hyPE / 100) * 30;
modelA.setValueAt(hyTotalPE, 5, 6);
double hyTotalEcon = (Class11CommerceUpdateForm.hyEcon / 100) * 30;
modelA.setValueAt(hyTotalEcon, 6, 6);

double marksEnglish = (double) modelA.getValueAt(0, 1) + (double) modelA.getValueAt(0, 2);
double marksAccount = (double) modelA.getValueAt(1, 1) + (double) modelA.getValueAt(1, 2);
double marksBST = (double) modelA.getValueAt(2, 1) + (double) modelA.getValueAt(2, 2);
double marksMathematics = (double) modelA.getValueAt(3, 1) + (double) modelA.getValueAt(3, 2);
double marksIP = (double) modelA.getValueAt(4, 1) + (double) modelA.getValueAt(4, 2);
double marksPE = (double) modelA.getValueAt(5, 1) + (double) modelA.getValueAt(5, 2);
double marksEcon = (double) modelA.getValueAt(6, 1) + (double) modelA.getValueAt(6, 2);

double marksFinalEnglish = (marksEnglish / 100) * 40;
double marksFinalAccount = (marksAccount / 100) * 40;
double marksFinalBST = (marksBST / 100) * 40;
double marksFinalMaths = (marksMathematics / 100) * 40;
double marksFinalIP = (marksIP / 100) * 40;
double marksFinalPE = (marksPE / 100) * 40;
double marksFinalEcon = (marksEcon / 100) * 40;

modelA.setValueAt(marksFinalEnglish, 0, 7);
modelA.setValueAt(marksFinalAccount, 1, 7);
modelA.setValueAt(marksFinalBST, 2, 7);
modelA.setValueAt(marksFinalMaths, 3, 7);
modelA.setValueAt(marksFinalIP, 4, 7);
modelA.setValueAt(marksFinalPE, 5, 7);
modelA.setValueAt(marksFinalEcon, 6, 7);

double finalEnglish = utTotalEnglishWeighted + hyTotalEnglish + marksFinalEnglish;
double finalAccount = utTotalAccountWeighted + hyTotalAccount + marksFinalAccount;
double finalBST = utTotalBSTWeighted + hyTotalBST + marksFinalBST;
double finalMaths = utTotalMathsWeighted + hyTotalMaths + marksFinalMaths;
double finalIP = utTotalIPWeighted + hyTotalIP + marksFinalIP;
double finalPE = utTotalPEWeighted + hyTotalPE + marksFinalPE;
double finalEcon = utTotalEconWeighted + hyTotalEcon + marksFinalEcon;

modelA.setValueAt(finalEnglish, 0, 8);
modelA.setValueAt(finalAccount, 1, 8);
modelA.setValueAt(finalBST, 2, 8);
modelA.setValueAt(finalMaths, 3, 8);
modelA.setValueAt(finalIP, 4, 8);
modelA.setValueAt(finalPE, 5, 8);
modelA.setValueAt(finalEcon, 6, 8);
```

```

        double totalMarks1 = (double) modelA.getValueAt(0,8) + (double) modelA.getValueAt(1,8) +
(double) modelA.getValueAt(2,8) + (double) modelA.getValueAt(3,8) + (double) modelA.getValueAt(4,8) +
(double) modelA.getValueAt(5,8) + (double) modelA.getValueAt(6,8);
        double percentage1 = totalMarks1 / 500 * 100;

        resultOutOf5002.setText(" " + totalMarks1);
        resultPercentage2.setText(" " + percentage1 + " %");

    }
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model2 =(DefaultTableModel) tableB.getModel();
    DefaultTableModel model3 =(DefaultTableModel) tableC.getModel();
    int rollNumber = Class11CommerceUpdateForm.rollNumber;
    try{
Class.forName("java.sql.Driver");
    Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
    Statement stmt = (Statement) con.createStatement();

    String updateut3eng = "update ut3_class11comm set English = " + model2.getValueAt(0,1) + "
where roll_No = " + rollNumber + "; ";
    String updateut3acc = "update ut3_class11comm set accountancy = " + model2.getValueAt(1,1)
+ " where roll_No = " + rollNumber + "; ";
    String updateut3bst = "update ut3_class11comm set bst = " + model2.getValueAt(2,1) + "
where roll_No = " + rollNumber + "; ";
    String updateut3maths = "update ut3_class11comm set Mathematics = " + model2.getValueAt(3,1)
+ " where roll_No = " + rollNumber + "; ";
    String updateut3ip = "update ut3_class11comm set IP = " + model2.getValueAt(4,1) + " where
roll_No = " + rollNumber + "; ";
    String updateut3pe = "update ut3_class11comm set PE = " + model2.getValueAt(5,1) + " where
roll_No = " + rollNumber + "; ";
    String updateut3econ = "update ut3_class11comm set economics = " + model2.getValueAt(6,1) +
" where roll_No = " + rollNumber + "; ";

    String updateprac2eng = "update practical2_class11comm set English = " +
model2.getValueAt(0,3) + " where roll_No = " + rollNumber + "; ";
    String updateprac2acc = "update practical2_class11comm set accountancy = " +
model2.getValueAt(1,3) + " where roll_No = " + rollNumber + "; ";
    String updateprac2bst = "update practical2_class11comm set bst = " + model2.getValueAt(2,3)
+ " where roll_No = " + rollNumber + "; ";
    String updateprac2maths = "update practical2_class11comm set Mathematics = " +
model2.getValueAt(3,3) + " where roll_No = " + rollNumber + "; ";
    String updateprac2ip = "update practical2_class11comm set IP = " + model2.getValueAt(4,3) +
" where roll_No = " + rollNumber + "; ";
    String updateprac2pe = "update practical2_class11comm set PE = " + model2.getValueAt(5,3) +
" where roll_No = " + rollNumber + "; ";
    String updateprac2econ = "update practical2_class11comm set economics = " +
model2.getValueAt(6,3) + " where roll_No = " + rollNumber + "; ";
    String updatehy270eng = "update hy270_class11comm set English = " + model2.getValueAt(0,2) +
" where roll_No = " + rollNumber + "; ";
    String updatehy270acc = "update hy270_class11comm set accountancy = " +
model2.getValueAt(1,2) + " where roll_No = " + rollNumber + "; ";
    String updatehy270bst = "update hy270_class11comm set bst = " + model2.getValueAt(2,2) +
" where roll_No = " + rollNumber + "; ";

```

```

        String updatehy270maths = "update hy270_class11comm set Mathematics = " + model2.getValueAt(3,2) + " where roll_No = " + rollNumber + "; ";
        String updatehy270ip = "update hy270_class11comm set IP = " + model2.getValueAt(4,2) + " where roll_No = " + rollNumber + "; ";
        String updatehy270pe = "update hy270_class11comm set PE = " + model2.getValueAt(5,2) + " where roll_No = " + rollNumber + "; ";
        String updatehy270econ = "update hy270_class11comm set economics = " + model2.getValueAt(6,2) + " where roll_No = " + rollNumber + "; ";
        String updatecoAreas = "update coAreas_class11comm set workExp = '" + model3.getValueAt(0,1) + "', enviornment = '" + model3.getValueAt(1,1) + "', attend1 = '" + model3.getValueAt(2,1) + "', attend2 = '" + model3.getValueAt(3,1) + "' where roll_No = " + rollNumber + "; ";
        stmt.executeUpdate(updatecoAreas);
        stmt.executeUpdate(updateut3eng);
        stmt.executeUpdate(updateut3acc);
        stmt.executeUpdate(updateut3bst);
        stmt.executeUpdate(updateut3maths);
        stmt.executeUpdate(updateut3ip);
        stmt.executeUpdate(updateut3pe);
        stmt.executeUpdate(updateut3econ);
        stmt.executeUpdate(updateprac2eng);
        stmt.executeUpdate(updateprac2acc);
        stmt.executeUpdate(updateprac2bst);
        stmt.executeUpdate(updateprac2maths);
        stmt.executeUpdate(updateprac2ip);
        stmt.executeUpdate(updateprac2pe);
        stmt.executeUpdate(updateprac2econ);
        stmt.executeUpdate(updatehy270eng);
        stmt.executeUpdate(updatehy270acc);
        stmt.executeUpdate(updatehy270bst);
        stmt.executeUpdate(updatehy270maths);
        stmt.executeUpdate(updatehy270ip);
        stmt.executeUpdate(updatehy270pe);
        stmt.executeUpdate(updatehy270econ);
        JOptionPane.showMessageDialog(null, "Data Successfully Updated");
        stmt.close();
        con.close();
    }
}
catch(Exception e)
{
    JOptionPane.showMessageDialog(null,e);
}
}
}

```

Enter Next Student:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new Class11CommerceUpdateForm().setVisible(true); // TODO add your handling code here:
}

```

Return To Main Menu:

```

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 11 Commerce Print Form

Class 11 Commerce Print Form

[Back](#)
Section: **Commerce**Class: **9**Roll Number:

G.R. Number: Name:

Attendance:

 Days / Days
Name of Class Teacher:

Academic Session:

20 - 20 Promoted to Class (enter Number): **Part A- Scholastic Areas (100 Marks)****Term 1**

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (30)	HY Total (100)
English Core					
Accountancy					
B St					
Mathematics	0	0	0	0	
Information Pract...	0	0	0	0	
Physical Education	0	0	0	0	
Economics					

Total (out of 500):

Percentage (Half Yearly):

Part A- Scholastic Areas (100 Marks)**Term 2**

Subject Name	UT-3 (40)	Final (70)	Practical (30)	UT-Total (120)	UT (30)	HY (30)	Final (40)	Grand Total (100)
English-Core								
Accountancy								
B St								
Mathematics/Biology	0	0	0					
Information Pract...	0	0	0					
Physical Education	0	0	0					
Economics								

Total (out of 600):

Percentage:

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)**Term 2**

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Attendance T-2	

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class11CommercePrintForm extends javax.swing.JFrame {
    public static int rollNumber;

    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalAccount;
    public static double ut2TotalAccount;
    public static double ut1TotalBST;
    public static double ut2TotalBST;
    public static double ut1TotalMath;
}

```

```

public static double ut2TotalMath;
public static double ut1TotalIP;
public static double ut2TotalIP;
public static double ut1TotalPE;
public static double ut2TotalPE;
public static double ut1TotalEcon;
public static double ut2TotalEcon;

public static double hyEnglish;
public static double hyAccount;
public static double hyBST;
public static double hyMaths;
public static double hyIP;
public static double hyPE;
public static double hyEcon;

public static String grNumber;
public static String classSection;
public static int academicValue1;
public static int academicValue2;
public static int attendanceValue1;
public static int attendanceValue2;
public static int promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    rollNumber = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    //ut1_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        String query1 = "select * from ut1_class11comm where roll_No = " + rollNumber + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double acc = rs.getDouble("accountancy");
            double bst = rs.getDouble("bst");

```

```
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");
        double econ = rs.getDouble("economics");

        name.setText(nameVal);
        grNum.setText(" " + grNumber);
        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(acc, 1, 1);
        modelA.setValueAt(bst, 2, 1);
        modelA.setValueAt(maths, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);
        modelA.setValueAt(econ, 6, 1);

    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//ut2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from ut2_class11comm where roll_No = " + rollNumber + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);
    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double acc = rs2.getDouble("accountancy");
        double bst = rs2.getDouble("bst");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");
        double econ = rs2.getDouble("economics");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(acc, 1, 2);
        modelA.setValueAt(bst, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
        modelA.setValueAt(econ, 6, 2);
    }

    rs2.close();
    stmt.close();
    con.close();
}
```

```
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//hy170_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from hy170_class11comm where roll_No = " + rollNumber + "; ";
    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double acc = rs3.getDouble("accountancy");
        double bst = rs3.getDouble("bst");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");
        double econ = rs3.getDouble("economics");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(acc, 1, 3);
        modelA.setValueAt(bst, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
        modelA.setValueAt(econ, 6, 3);
    }
    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical1_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from practical1_class11comm where roll_No = " + rollNumber + "; ";
    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
```

```

        double english = rs4.getDouble("english");
        double acc = rs4.getDouble("accountancy");
        double bst = rs4.getDouble("bst");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");
        double econ = rs4.getDouble("economics");

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(acc, 1, 4);
        modelA.setValueAt(bst, 2, 4);
        modelA.setValueAt(maths, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
        modelA.setValueAt(econ, 6, 4);

    }

    double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksAcc = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksBST = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);
    double marksEcon = (double) modelA.getValueAt(6,3) + (double) modelA.getValueAt(6,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksAcc, 1, 5);
    modelA.setValueAt(marksBST, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);
    modelA.setValueAt(marksEcon, 6, 5);

    double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
        (double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) +
        (double) modelA.getValueAt(4,5)+ (double) modelA.getValueAt(5,5) + (double)
modelA.getValueAt(6,5);
    double percentage1 = totalMarks1 / 500 * 100;

    resultOutOf5001.setText(" "+ totalMarks1);
    resultPercentage1.setText(" "+ percentage1 + " %");

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//miscell_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
}

```

```

String query3 = "select * from miscell_class11comm where roll_No = " + rollNumber + "; ";
ResultSet rs5 = stmt.executeQuery(query3);

while(rs5.next())
{
    String nameVal = rs5.getString("name");
    String nameTea = rs5.getString("nameTeach");
    int att1 = rs5.getInt("attend1");
    int att2 = rs5.getInt("attend2");
    int acad1 = rs5.getInt("acad1");
    int acad2 = rs5.getInt("acad2");
    int proClass = rs5.getInt("promoteClass");

    name.setText(nameVal);
    nameTeacher.setText(nameTea);
    attendance1.setText(" " + att1);
    attendance2.setText(" " + att2);
    academic1.setText(" " + acad1);
    academic2.setText(" " + acad2);
    promotedToClass.setText(" " + proClass);
}

rs5.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();
int roll = Integer.parseInt(rollNo.getText());
//ut3_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");
    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
    SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name

    String query1 = "select * from ut3_class11comm where roll_No = " + roll + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        //JOptionPane.showMessageDialog(null, "Test");
        int grNumber = rs.getInt("grno");
        String nameVal = rs.getString("name");
        double english = rs.getDouble("english");
        double acc = rs.getDouble("accountancy");
        double bst = rs.getDouble("bst");
    }
}

```

```
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");
        double econ = rs.getDouble("economics");

        modelB.setValueAt(english, 0, 1);
        modelB.setValueAt(acc, 1, 1);
        modelB.setValueAt(bst, 2, 1);
        modelB.setValueAt(maths, 3, 1);
        modelB.setValueAt(ip, 4, 1);
        modelB.setValueAt(pe, 5, 1);
        modelB.setValueAt(econ, 6, 1);

    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//hy270_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from hy270_class11comm where roll_No = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double acc = rs2.getDouble("accountancy");
        double bst = rs2.getDouble("bst");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");
        double econ = rs2.getDouble("economics");

        modelB.setValueAt(english, 0, 2);
        modelB.setValueAt(acc, 1, 2);
        modelB.setValueAt(bst, 2, 2);
        modelB.setValueAt(maths, 3, 2);
        modelB.setValueAt(ip, 4, 2);
        modelB.setValueAt(pe, 5, 2);
        modelB.setValueAt(econ, 6, 2);
    }

    rs2.close();
    stmt.close();
    con.close();
}
```

```

        catch (Exception e) {
            JOptionPane.showMessageDialog(null, e);
        }

        //practical2_class11sci
        try {
            Class.forName("java.sql.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");
            Statement stmt = con.createStatement();
            String query3 = "select * from practical2_class11comm where roll_No = " + roll + "; ";
            ResultSet rs3 = stmt.executeQuery(query3);
            while(rs3.next())
            {
                double english = rs3.getDouble("english");
                double acc = rs3.getDouble("accountancy");
                double bst = rs3.getDouble("bst");
                double maths = rs3.getDouble("Mathematics");
                double ip = rs3.getDouble("ip");
                double pe = rs3.getDouble("pe");
                double econ = rs3.getDouble("economics");
                modelB.setValueAt(english, 0, 3);
                modelB.setValueAt(acc, 1, 3);
                modelB.setValueAt(bst, 2, 3);
                modelB.setValueAt(maths, 3, 3);
                modelB.setValueAt(ip, 4, 3);
                modelB.setValueAt(pe, 5, 3);
                modelB.setValueAt(econ, 6, 3);
            }
            double utTotalEnglish = (double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(0,2) +
(double) modelB.getValueAt(0,1);
            modelB.setValueAt(utTotalEnglish, 0, 4);
            double utTotalAcc = (double) modelA.getValueAt(1,1) + (double) modelA.getValueAt(1,2) +
(double) modelB.getValueAt(1,1);
            modelB.setValueAt(utTotalAcc, 1, 4);
            double utTotalBST = (double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(2,2) +
(double) modelB.getValueAt(2,1);
            modelB.setValueAt(utTotalBST, 2, 4);
            double utTotalMathematics = (double) modelA.getValueAt(3,1) + (double)
modelA.getValueAt(3,2) + (double) modelB.getValueAt(3,1);
            modelB.setValueAt(utTotalMathematics, 3, 4);
            double utTotalIP = (double) modelA.getValueAt(4,1) + (double) modelA.getValueAt(4,2) +
(double) modelB.getValueAt(4,1);
            modelB.setValueAt(utTotalIP, 4, 4);
            double utTotalPE = (double) modelA.getValueAt(5,1) + (double) modelA.getValueAt(5,2) +
(double) modelB.getValueAt(5,1);
            modelB.setValueAt(utTotalPE, 5, 4);
            double utTotalEcon = (double) modelA.getValueAt(6,1) + (double) modelA.getValueAt(6,2) +
(double) modelB.getValueAt(6,1);
            modelB.setValueAt(utTotalEcon, 6, 4);

            double utTotalEnglishWeighted = utTotalEnglish / 4;
            double utTotalAccWeighted = utTotalAcc / 4;
            double utTotalBSTWeighted = utTotalBST / 4;
            double utTotalMathsWeighted = utTotalMathematics / 4;
            double utTotalIPWeighted = utTotalIP / 4;
            double utTotalPEWeighted = utTotalPE / 4;
            double utTotalEconWeighted = utTotalEcon / 4;
        }
    }
}

```

```
modelB.setValueAt(utTotalEnglishWeighted, 0, 5);
modelB.setValueAt(utTotalAccWeighted, 1, 5);
modelB.setValueAt(utTotalBSTWeighted, 2, 5);
modelB.setValueAt(utTotalMathsWeighted, 3, 5);
modelB.setValueAt(utTotalIPWeighted, 4, 5);
modelB.setValueAt(utTotalPEWeighted, 5, 5);
modelB.setValueAt(utTotalEconWeighted, 6, 5);

double hyTotalEnglish = ((double) modelA.getValueAt(0,5) / 100) * 30;
modelB.setValueAt(hyTotalEnglish, 0, 6);
double hyTotalAcc = ((double) modelA.getValueAt(1,5) / 100) * 30;
modelB.setValueAt(hyTotalAcc, 1, 6);
double hyTotalBST = ((double) modelA.getValueAt(2,5) / 100) * 30;
modelB.setValueAt(hyTotalBST, 2, 6);
double hyTotalMaths = ((double) modelA.getValueAt(3,5) / 100) * 30;
modelB.setValueAt(hyTotalMaths, 3, 6);
double hyTotalIP = ((double) modelA.getValueAt(4,5) / 100) * 30;
modelB.setValueAt(hyTotalIP, 4, 6);
double hyTotalPE = ((double) modelA.getValueAt(5,5) / 100) * 30;
modelB.setValueAt(hyTotalPE, 5, 6);
double hyTotalEcon = ((double) modelA.getValueAt(6,5) / 100) * 30;
modelB.setValueAt(hyTotalEcon, 6, 6);

double marksEnglish = (double) modelB.getValueAt(0,1) + (double) modelB.getValueAt(0,2);
double marksAcc = (double) modelB.getValueAt(1,1) + (double) modelB.getValueAt(1,2);
double marksBST = (double) modelB.getValueAt(2,1) + (double) modelB.getValueAt(2,2);
double marksMathematics = (double) modelB.getValueAt(3,1) + (double) modelB.getValueAt(3,2);
double marksIP = (double) modelB.getValueAt(4,1) + (double) modelB.getValueAt(4,2);
double marksPE = (double) modelB.getValueAt(5,1) + (double) modelB.getValueAt(5,2);
double marksEcon = (double) modelB.getValueAt(6,1) + (double) modelB.getValueAt(6,2);

double marksFinalEnglish = (marksEnglish / 100) * 40;
double marksFinalAcc = (marksAcc / 100) * 40;
double marksFinalBST = (marksBST / 100) * 40;
double marksFinalMaths = (marksMathematics / 100) * 40;
double marksFinalIP = (marksIP / 100) * 40;
double marksFinalPE = (marksPE / 100) * 40;
double marksFinalEcon = (marksEcon / 100) * 40;

modelB.setValueAt(marksFinalEnglish, 0, 7);
modelB.setValueAt(marksFinalAcc, 1, 7);
modelB.setValueAt(marksFinalBST, 2, 7);
modelB.setValueAt(marksFinalMaths, 3, 7);
modelB.setValueAt(marksFinalIP, 4, 7);
modelB.setValueAt(marksFinalPE, 5, 7);
modelB.setValueAt(marksFinalEcon, 6, 7);
double finalEnglish = utTotalEnglishWeighted + hyTotalEnglish + marksFinalEnglish;
double finalAcc = utTotalAccWeighted + hyTotalAcc + marksFinalAcc;
double finalBST = utTotalBSTWeighted + hyTotalBST + marksFinalBST;
double finalMaths = utTotalMathsWeighted + hyTotalMaths + marksFinalMaths;
double finalIP = utTotalIPWeighted + hyTotalIP + marksFinalIP;
double finalPE = utTotalPEWeighted + hyTotalPE + marksFinalPE;
double finalEcon = utTotalEconWeighted + hyTotalEcon + marksFinalEcon;

modelB.setValueAt(finalEnglish, 0, 8);
modelB.setValueAt(finalAcc, 1, 8);
modelB.setValueAt(finalBST, 2, 8);
modelB.setValueAt(finalMaths, 3, 8);
```

```

modelB.setValueAt(finalIP, 4, 8);
modelB.setValueAt(finalPE, 5, 8);
modelB.setValueAt(finalEcon, 6, 8);

    double totalMarks1 = (double) modelB.getValueAt(0,8) + (double) modelB.getValueAt(1,8) +
(double) modelB.getValueAt(2,8) + (double) modelB.getValueAt(3,8) + (double) modelB.getValueAt(4,8) +
(double) modelB.getValueAt(5,8) + (double) modelB.getValueAt(6,8);
    double percentage1 = totalMarks1 / 500 * 100;

    resultOutOf5002.setText(""+ totalMarks1);
    resultPercentage2.setText(""+ percentage1 + " %");

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from coAreas_class1lcomm where roll_No = " + roll + "; ";

    ResultSet rs4 = stmt.executeQuery(query2);

    while(rs4.next())
    {
        String work = rs4.getString("workExp");
        String env = rs4.getString("enviornment");
        String att1 = rs4.getString("attend1");
        String att2 = rs4.getString("attend2");

        modelC.setValueAt(work, 0, 1);
        modelC.setValueAt(env, 1, 1);
        modelC.setValueAt(att1, 2, 1);
        modelC.setValueAt(att2, 3, 1);
    }

    rs4.close();
    stmt.close();
    con.close();
}
catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);}
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 11 Science Result Form

Class 11 Science Result Form

[Back](#)
G.R. Number: Class: **11**Roll Number: Section: **Science**Name:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / Days
 Promoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (30)	HY Total (100)
English Core					
Physics					
Chemistry					
Mathematics					
Information Practices	0	0	0	0	0
Physical Education	0	0	0	0	0

Total (out of 500):

Percentage (Half Yearly):

Need To Import/Global:

```

import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;

public class Class11ScienceResultForm extends javax.swing.JFrame {

    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalPhysics;
    public static double ut2TotalPhysics;
    public static double ut1TotalChemistry;
    public static double ut2TotalChemistry;
    public static double ut1TotalMath;
    public static double ut2TotalMath;
    public static double ut1TotalIP;
    public static double ut2TotalIP;
    public static double ut1TotalPE;
  
```

```

public static double ut2TotalPE;
public static double hyEnglish;
public static double hyPhysics;
public static double hyChemistry;
public static double hyMaths;
public static double hyIP;
public static double hyPE;

public static String grNumber;
public static String classSection;
public static int rollNumber;
public static int academicValue1;
public static int academicValue2;
public static int attendanceValue1;
public static int attendanceValue2;
public static int promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    // DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }
        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,2) <= 40 && (double) modelA.getValueAt(i,2) >= 0)
        {
            allow2Term1 = true;
        }
        else
        {

```

```

        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 70 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 30 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksPhysics = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksChemistry = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksPhysics, 1, 5);
    modelA.setValueAt(marksChemistry, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);

    double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
    double percentage1 = totalMarks1 / 500 * 100;
}

```

```

resultOutOf5001.setText(" " + totalMarks1);
resultPercentage1.setText(" " + percentage1 + " %");

ut1TotalEnglish = (double) modelA.getValueAt(0,1);
ut2TotalEnglish = (double) modelA.getValueAt(0,2);
ut1TotalPhysics = (double) modelA.getValueAt(1,1);
ut2TotalPhysics = (double) modelA.getValueAt(1,2);
ut1TotalChemistry = (double) modelA.getValueAt(2,1);
ut2TotalChemistry = (double) modelA.getValueAt(2,2);
ut1TotalMath = (double) modelA.getValueAt(3,1);
ut2TotalMath = (double) modelA.getValueAt(3,2);
ut1TotalIP = (double) modelA.getValueAt(4,1);
ut2TotalIP = (double) modelA.getValueAt(4,2);
ut1TotalPE = (double) modelA.getValueAt(5,1);
ut2TotalPE = (double) modelA.getValueAt(5,2);
hyEnglish = (double) modelA.getValueAt(0,5);
hyPhysics = (double) modelA.getValueAt(1,5);
hyChemistry = (double) modelA.getValueAt(2,5);
hyMaths = (double) modelA.getValueAt(3,5);
hyIP = (double) modelA.getValueAt(4,5);
hyPE = (double) modelA.getValueAt(5,5);

}

grNumber = grNum.getText();
classSection = class_Sect.getText();
rollNumber = Integer.parseInt(rollNo.getText());
nameValue = name.getText();

}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model1 = (DefaultTableModel) tableA.getModel();
    // JOptionPane.showMessageDialog(null,"Checkpoint-0");
    try{
        // JOptionPane.showMessageDialog(null,"Checkpoint-1");
        Class.forName("java.sql.Driver");
        Connection con =
    DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String ut1 = "Insert into ut1_class11sci values" + "(" + grNum.getText() + " , " + " ' " +
    name.getText() + " ' " + " , " + " ! " + class_Sect.getText() + " ' "+ " , " + " ' " + rollNo.getText() +
" ' " + " , " + model1.getValueAt(0,1) + " , " + model1.getValueAt(1,1)
        + " , " + model1.getValueAt(2,1) + " , " + model1.getValueAt(3,1) + " , " +
model1.getValueAt(4,1) + " , " + model1.getValueAt(5,1) + " );";

        String ut2 = "Insert into ut2_class11sci values" + "(" + grNum.getText() + " , " + " ' " +
    name.getText() + " ' " + " , " + " ! " + class_Sect.getText() + " ' "+ " , " + " ' " + rollNo.getText() +
" ' " + " , " + model1.getValueAt(0,2) + " , " + model1.getValueAt(1,2)
        + " , " + model1.getValueAt(2,2) + " , " + model1.getValueAt(3,2) + " , " +
model1.getValueAt(4, 2) + " , " + model1.getValueAt(5,2) + " );";
    }

```

```

        String halfyearly1 = "Insert into hy170_class11sci values" + "(" + grNum.getText() + " , " +
" " + name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " +
rollNo.getText() + " ' " + " , " + model1.getValueAt(0,3) + " , " + model1.getValueAt(1,3)
+ " , " + model1.getValueAt(2,3) + " , " + model1.getValueAt(3,3) + " , " +
model1.getValueAt(4, 3) + " , " + model1.getValueAt(5,3) + ");";

        String prac1 = "Insert into practical1_class11sci values" + "(" + grNum.getText() + " , " +
" " + name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " +
rollNo.getText() + " ' " + " , " + model1.getValueAt(0,4) + " , " + model1.getValueAt(1,4)
+ " , " + model1.getValueAt(2,4) + " , " + model1.getValueAt(3,4) + " , " +
model1.getValueAt(4, 4) + " , " + model1.getValueAt(5,4) + ");";

        String miscell = "Insert into miscell_class11sci values" + "(" + "!" + name.getText() + "!" +
+ " , " + "!" + nameTeacher.getText() + "!" + " , " + Integer.parseInt(attendance1.getText()) + " , " +
Integer.parseInt(attendance2.getText()) + " , "
+ Integer.parseInt(promotedToClass.getText()) + " , " +
Integer.parseInt(academic1.getText()) + " , " + Integer.parseInt(academic2.getText()) + " , " +
rollNo.getText() + ");";
        stmt.executeUpdate(miscell);
        stmt.executeUpdate(ut1);
        stmt.executeUpdate(ut2);
        stmt.executeUpdate(prac1);
        stmt.executeUpdate(halfyearly1);

        stmt.close();
        con.close();

        JOptionPane.showMessageDialog(null,"Data Successfully Entered- Term 1");
    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null,e);}}
```

Continue Form:

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
    {
        this.dispose();
        new Class11ScienceResultForm2().setVisible(true);
    }
}
```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

Class 11 Science Result Form 2

Result Form Continued

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Final (70)	Practical (30)	UT-Total (120)	UT (30)	HY (30)	Final (40)	Grand Total (100)
English-Core								
Physics								
Chemistry								
Mathematics/Biology								
Information Practices	0	0	0					
Physical Education	0	0	0					

Calculate Total (out of 600): _____ Percentage: _____

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Attendance T-2	

Execute**Enter Next Student****Return to Main Menu**

Need To Import:

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;
```

Calculate:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 5; i++)
```

```

{
    if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
    {
        allow1Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow1Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 70 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 30 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true)
{
    double utTotalEnglish = Class11ScienceResultForm.ut1TotalEnglish +
Class11ScienceResultForm.ut2TotalEnglish + (double) modelA.getValueAt(0,1);
    modelA.setValueAt(utTotalEnglish, 0, 4);
    double utTotalPhysics = Class11ScienceResultForm.ut1TotalPhysics +
Class11ScienceResultForm.ut2TotalPhysics + (double) modelA.getValueAt(1,1);
    modelA.setValueAt(utTotalPhysics, 1, 4);
    double utTotalChemistry = Class11ScienceResultForm.ut1TotalChemistry +
Class11ScienceResultForm.ut2TotalChemistry + (double) modelA.getValueAt(2,1);
    modelA.setValueAt(utTotalChemistry, 2, 4);
}

```

```

        double utTotalMathematics = Class11ScienceResultForm.ut1TotalMath +
Class11ScienceResultForm.ut2TotalMath + (double) modelA.getValueAt(3,1);
        modelA.setValueAt(utTotalMathematics, 3, 4);
        double utTotalIP = Class11ScienceResultForm.ut1TotalIP + Class11ScienceResultForm.ut2TotalIP
+ (double) modelA.getValueAt(4,1);
        modelA.setValueAt(utTotalIP, 4, 4);
        double utTotalPE = Class11ScienceResultForm.ut1TotalPE + Class11ScienceResultForm.ut2TotalPE
+ (double) modelA.getValueAt(5,1);
        modelA.setValueAt(utTotalPE, 5, 4);

        double utTotalEnglishWeighted = utTotalEnglish / 4;
        double utTotalPhysicsWeighted = utTotalPhysics / 4;
        double utTotalChemistryWeighted = utTotalChemistry / 4;
        double utTotalMathsWeighted = utTotalMathematics / 4;
        double utTotalIPWeighted = utTotalIP / 4;
        double utTotalPEWeighted = utTotalPE / 4;

        modelA.setValueAt(utTotalEnglishWeighted, 0, 5);
        modelA.setValueAt(utTotalPhysicsWeighted, 1, 5);
        modelA.setValueAt(utTotalChemistryWeighted, 2, 5);
        modelA.setValueAt(utTotalMathsWeighted, 3, 5);
        modelA.setValueAt(utTotalIPWeighted, 4, 5);
        modelA.setValueAt(utTotalPEWeighted, 5, 5);

        double hyTotalEnglish = (Class11ScienceResultForm.hyEnglish / 100 ) * 30;
modelA.setValueAt(hyTotalEnglish,0,6);
        double hyTotalPhysics = (Class11ScienceResultForm.hyPhysics / 100 ) * 30;
modelA.setValueAt(hyTotalPhysics,1,6);
        double hyTotalChemistry = (Class11ScienceResultForm.hyChemistry / 100 ) * 30;
modelA.setValueAt(hyTotalChemistry,2,6);
        double hyTotalMaths = (Class11ScienceResultForm.hyMaths / 100 ) * 30;
modelA.setValueAt(hyTotalMaths,3,6);
        double hyTotalIP = (Class11ScienceResultForm.hyIP / 100 ) * 30;
modelA.setValueAt(hyTotalIP,4,6);
        double hyTotalPE = (Class11ScienceResultForm.hyPE / 100 ) * 30;
modelA.setValueAt(hyTotalPE,5,6);

        double marksEnglish = (double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(0,2);
        double marksPhysics = (double) modelA.getValueAt(1,1) + (double) modelA.getValueAt(1,2);
        double marksChemistry = (double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(2,2);
        double marksMathematics = (double) modelA.getValueAt(3,1) + (double) modelA.getValueAt(3,2);
        double marksIP = (double) modelA.getValueAt(4,1) + (double) modelA.getValueAt(4,2);
        double marksPE = (double) modelA.getValueAt(5,1) + (double) modelA.getValueAt(5,2);

        double marksFinalEnglish = (marksEnglish / 100 ) * 40;
        double marksFinalPhysics = (marksPhysics / 100 ) * 40;
        double marksFinalChemistry = (marksChemistry / 100 ) * 40;
        double marksFinalMaths = (marksMathematics / 100 ) * 40;
        double marksFinalIP = (marksIP / 100 ) * 40;
        double marksFinalPE = (marksPE / 100 ) * 40;

        modelA.setValueAt(marksFinalEnglish, 0, 7);
        modelA.setValueAt(marksFinalPhysics, 1, 7);
        modelA.setValueAt(marksFinalChemistry, 2, 7);
        modelA.setValueAt(marksFinalMaths, 3, 7);
        modelA.setValueAt(marksFinalIP, 4, 7);
        modelA.setValueAt(marksFinalPE, 5, 7);

        double finalEnglish = utTotalEnglishWeighted + hyTotalEnglish + marksFinalEnglish;
    
```

```

        double finalPhysics = utTotalPhysicsWeighted + hyTotalPhysics + marksFinalPhysics;
        double finalChemistry = utTotalChemistryWeighted + hyTotalChemistry + marksFinalChemistry;
        double finalMaths = utTotalMathsWeighted + hyTotalMaths + marksFinalMaths;
        double finalIP = utTotalIPWeighted + hyTotalIP + marksFinalIP;
        double finalPE = utTotalPEWeighted + hyTotalPE + marksFinalPE;

        modelA.setValueAt(finalEnglish, 0, 8);
        modelA.setValueAt(finalPhysics, 1, 8);
        modelA.setValueAt(finalChemistry, 2, 8);
        modelA.setValueAt(finalMaths, 3, 8);
        modelA.setValueAt(finalIP, 4, 8);
        modelA.setValueAt(finalPE, 5, 8);

        double totalMarks1 = (double) modelA.getValueAt(0,8) + (double) modelA.getValueAt(1,8) +
(double) modelA.getValueAt(2,8) + (double) modelA.getValueAt(3,8) + (double) modelA.getValueAt(4,8) +
(double) modelA.getValueAt(5,8);
        double percentage1 = totalMarks1 / 500 * 100;

        resultOutOf5002.setText(" " + totalMarks1);
        resultPercentage2.setText(" " + percentage1 + " %");

    }
}

```

Execute:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel model2 =(DefaultTableModel) tableB.getModel();
    DefaultTableModel modelC =(DefaultTableModel) tableC.getModel();
    try{
        String gr = Class11ScienceResultForm.grNumber;
        String section = Class11ScienceResultForm.classSection;
        int rollNum = Class11ScienceResultForm.rollNumber;
        String name = Class11ScienceResultForm.nameValue;

        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String ut3 = "Insert into ut3_class11sci values" + "(" + gr + " , " + " " + " " + name + " " +
" , " + " " + section + " " + " , " + " " + rollNum + " " + " + " , " + model2.getValueAt(0,1) + " , " +
+ model2.getValueAt(1,1)
        + " , " + model2.getValueAt(2,1) + " , " + model2.getValueAt(3,1) + " , " +
model2.getValueAt(4,1) + " , " + model2.getValueAt(5,1) + " );";

        String prac2 = "Insert into practical2_class11sci values" + "(" + gr + " , " + " " + " " + name
+ " " + " , " + " " + section + " " + " , " + " " + rollNum + " " + " + " , " +
model2.getValueAt(0,3) + " , " + model2.getValueAt(1,3)
        + " , " + model2.getValueAt(2,3) + " , " + model2.getValueAt(3,3) + " , " +
model2.getValueAt(4,3) + " , " + model2.getValueAt(5,3) + " );";

        String halfyealrly2 = "Insert into hy270_class11sci values" + "(" + gr + " , " + " " + " " +
name + " " + " , " + " " + section + " " + " , " + " " + rollNum + " " + " + " , " +
model2.getValueAt(0,2) + " , " + model2.getValueAt(1,2)
        + " , " + model2.getValueAt(2,2) + " , " + model2.getValueAt(3,2) + " , " +
model2.getValueAt(4,2) + " , " + model2.getValueAt(5,2) + " );";
    }
}

```

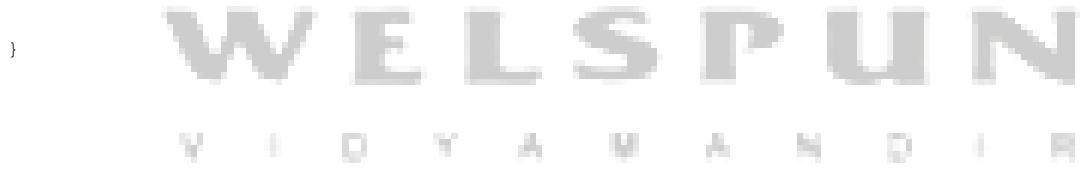
```
String coArea = "Insert into coAreas_class11sci values('" + modelC.getValueAt(0,1) + "', '" +  
+ modelC.getValueAt(1,1) + "', '" + modelC.getValueAt(2,1) + "', '" + modelC.getValueAt(3,1) + "', '" +  
rollNum + "');";  
stmt.executeUpdate(coArea);  
  
stmt.executeUpdate(ut3);  
stmt.executeUpdate(prac2);  
stmt.executeUpdate(halfyealrly2);  
  
JOptionPane.showMessageDialog(null, "Data Successfully Entered- Term 2");  
stmt.close();  
con.close();  
}  
  
catch(Exception e)  
{  
    JOptionPane.showMessageDialog(null, e);  
}  
}
```

Enter Next Student:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    this.dispose();  
    new Class11ScienceResultForm().setVisible(true);  
}
```

Return To Main Menu:

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
    new TestMainMenu().setVisible(true);  
}
```



Let Positive Thinking Come to us from every side!

Class 11 Science Update Form

Class 11 Science Update Form

[Back](#)
Section: **Science**Class: **11**Roll Number:

G.R. Number: Name:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / Days
 Promoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (30)	HY Total (100)
English Core					
Physics					
Chemistry					
Mathematics					
Information Practic...	0	0	0	0	0
Physical Education	0	0	0	0	0

Total (out of 500): Percentage (Half Yearly):

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class11ScienceUpdateForm extends javax.swing.JFrame {
    public static int rollNumber;

    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalPhysics;
    public static double ut2TotalPhysics;
    public static double ut1TotalChemistry;
    public static double ut2TotalChemistry;
    public static double ut1TotalMath;
  
```

```

public static double ut2TotalMath;
public static double ut1TotalIP;
public static double ut2TotalIP;
public static double ut1TotalPE;
public static double ut2TotalPE;
public static double hyEnglish;
public static double hyPhysics;
public static double hyChemistry;
public static double hyMaths;
public static double hyIP;
public static double hyPE;

```



```

public static String grNumber;
public static String classSection;
public static String academicValue1;
public static String academicValue2;
public static String attendanceValue1;
public static String attendanceValue2;
public static String promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    rollNumber = Integer.parseInt(rollNo.getText());
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    //ut1_class1sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
        "root", "ankit");
        Statement stmt = con.createStatement();
        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name
        String query1 = "select * from ut1_class1sci where roll_No = " + rollNumber + "; ";
        ResultSet rs = stmt.executeQuery(query1);
        while(rs.next())
        {
            JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double physics = rs.getDouble("physics");
            double chemistry = rs.getDouble("chemistry");
            double maths = rs.getDouble("Mathematics");
            double ip = rs.getDouble("ip");
            double pe = rs.getDouble("pe");
        }
    }
}

```

```
name.setText(nameVal);
grNum.setText(" " + grNumber);
modelA.setValueAt(english, 0, 1);
modelA.setValueAt(physics, 1, 1);
modelA.setValueAt(chemistry, 2, 1);
modelA.setValueAt(maths, 3, 1);
modelA.setValueAt(ip, 4, 1);
modelA.setValueAt(pe, 5, 1);

}

rs.close();
stmt.close();
con.close();
}

catch (Exception e) {
JOptionPane.showMessageDialog(null, e);
}

//ut2_class11sci
try {
Class.forName("java.sql.Driver");
Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

Statement stmt = con.createStatement();
String query2 = "select * from ut2_class11sci where roll_No = " + rollNumber + "; ";

ResultSet rs2 = stmt.executeQuery(query2);

while(rs2.next())
{
    double english = rs2.getDouble("english");
    double physics = rs2.getDouble("physics");
    double chemistry = rs2.getDouble("chemistry");
    double maths = rs2.getDouble("Mathematics");
    double ip = rs2.getDouble("ip");
    double pe = rs2.getDouble("pe");

    modelA.setValueAt(english, 0, 2);
    modelA.setValueAt(physics, 1, 2);
    modelA.setValueAt(chemistry, 2, 2);
    modelA.setValueAt(maths, 3, 2);
    modelA.setValueAt(ip, 4, 2);
    modelA.setValueAt(pe, 5, 2);
}

rs2.close();
stmt.close();
con.close();
}

catch (Exception e) {
JOptionPane.showMessageDialog(null, e);
}
```

```
//hy170_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from hy170_class11sci where roll_No = " + rollNumber + "; ";
    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double physics = rs3.getDouble("physics");
        double chemistry = rs3.getDouble("chemistry");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(physics, 1, 3);
        modelA.setValueAt(chemistry, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical1_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from practical1_class11sci where roll_No = " + rollNumber + "; ";
    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double english = rs4.getDouble("english");
        double physics = rs4.getDouble("physics");
        double chemistry = rs4.getDouble("chemistry");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(physics, 1, 4);
```

```

        modelA.setValueAt(chemistry, 2, 4);
        modelA.setValueAt(maths, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
    }

    double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksPhysics = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksChemistry = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksPhysics, 1, 5);
    modelA.setValueAt(marksChemistry, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);

    double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
    double percentage1 = totalMarks1 / 500 * 100;

    resultOutOf5001.setText(" " + totalMarks1);
    resultPercentage1.setText(" " + percentage1 + " %");

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//miscell_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from miscell_class11sci where roll_No = " + rollNumber + "; ";
    ResultSet rs5 = stmt.executeQuery(query3);

    while(rs5.next())
    {
        String nameVal = rs5.getString("name");
        String nameTea = rs5.getString("nameTeach");
        int att1 = rs5.getInt("attend1");
        int att2 = rs5.getInt("attend2");
        int acad1 = rs5.getInt("acad1");
        int acad2 = rs5.getInt("acad2");
        int proClass = rs5.getInt("promoteClass");

        name.setText(nameVal);
    }
}

```

```

        nameTeacher.setText(nameTea);
        attendance1.setText(" " + att1);
        attendance2.setText(" " + att2);
        academic1.setText(" " + acad1);
        academic2.setText(" " + acad2);
        promotedToClass.setText(" " + proClass);

    }

    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    // DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,2) <= 40 && (double) modelA.getValueAt(i,2) >= 0)
        {
            allow2Term1 = true;
        }

        else
        {
    
```

```

        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 70 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 30 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksPhysics = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksChemistry = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksPhysics, 1, 5);
    modelA.setValueAt(marksChemistry, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);

    double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
    double percentage1 = totalMarks1 / 500 * 100;
}

```

```
        resultOutOf5001.setText ("\" + totalMarks1);
        resultPercentagel.setText ("\" + percentagel + \" %");
    }
}
```

Execute:

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    DefaultTableModel model1 =(DefaultTableModel) tableA.getModel();  
    rollNumber = Integer.parseInt(rollNo.getText());  
  
    try{  
  
        Class.forName("java.sql.Driver");  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");  
        Statement stmt = (Statement) con.createStatement();  
  
        String updateutleng = "update utl_class11sci set English = " + model1.getValueAt(0,1) + "  
where roll_No = " + rollNumber + "; ";  
        String updateutlphy = "update utl_class11sci set Physics = " + model1.getValueAt(1,1) + "  
where roll_No = " + rollNumber + "; ";  
        String updateutlchem = "update utl_class11sci set Chemistry = " + model1.getValueAt(2,1) + "  
where roll_No = " + rollNumber + "; ";  
        String updateutlmaths = "update utl_class11sci set Mathematics = " + model1.getValueAt(3,1)  
+ " where roll_No = " + rollNumber + "; ";  
        String updateutlip = "update utl_class11sci set IP = " + model1.getValueAt(4,1) + " where  
roll_No = " + rollNumber + "; ";  
        String updateutlpe = "update utl_class11sci set PE = " + model1.getValueAt(5,1) + " where  
roll_No = " + rollNumber + "; ";  
  
        String updateut2eng = "update ut2_class11sci set English = " + model1.getValueAt(0,2) + "  
where roll_No = " + rollNumber + "; ";  
        String updateut2phy = "update ut2_class11sci set Physics = " + model1.getValueAt(1,2) + "  
where roll_No = " + rollNumber + "; ";  
        String updateut2chem = "update ut2_class11sci set Chemistry = " + model1.getValueAt(2,2) + "  
where roll_No = " + rollNumber + "; ";  
        String updateut2maths = "update ut2_class11sci set Mathematics = " + model1.getValueAt(3,2)  
+ " where roll_No = " + rollNumber + "; ";  
        String updateut2ip = "update ut2_class11sci set IP = " + model1.getValueAt(4,2) + " where  
roll_No = " + rollNumber + "; ";  
        String updateut2pe = "update ut2_class11sci set PE = " + model1.getValueAt(5,2) + " where  
roll_No = " + rollNumber + "; ";  
  
        String updatehalfyearlyleng = "update hy170_class11sci set English = " +  
model1.getValueAt(0,3) + " where roll_No = " + rollNumber + "; ";  
        String updatehalfyearlylphy = "update hy170_class11sci set Physics = " +  
model1.getValueAt(1,3) + " where roll_No = " + rollNumber + "; ";  
        String updatehalfyearlylchem = "update hy170_class11sci set Chemistry = " +  
model1.getValueAt(2,3) + " where roll_No = " + rollNumber + "; ";  
        String updatehalfyearlylmaths = "update hy170_class11sci set Mathematics = " +  
model1.getValueAt(3,3) + " where roll_No = " + rollNumber + "; ";  
        String updatehalfyearlylip = "update hy170_class11sci set IP = " + model1.getValueAt(4,3) +  
" where roll_No = " + rollNumber + "; ";  
        String updatehalfyearlylpe = "update hy170_class11sci set PE = " + model1.getValueAt(5,3) +  
" where roll_No = " + rollNumber + "; ";  
    }  
}
```

```

        String updateprac1eng = "update practical1_class11sci set English = " +
model1.getValueAt(0,4) + " where roll_No = " + rollNumber + "; ";
        String updateprac1phy = "update practical1_class11sci set Physics = " +
model1.getValueAt(1,4) + " where roll_No = " + rollNumber + "; ";
        String updateprac1chem = "update practical1_class11sci set Chemistry = " +
model1.getValueAt(2,4) + " where roll_No = " + rollNumber + "; ";
        String updateprac1maths = "update practical1_class11sci set Mathematics = " +
model1.getValueAt(3,4) + " where roll_No = " + rollNumber + "; ";
        String updateprac1ip = "update practical1_class11sci set IP = " + model1.getValueAt(4,4) + " "
where roll_No = " + rollNumber + "; ";
        String updateprac1pe = "update practical1_class11sci set PE = " + model1.getValueAt(5,4) + " "
where roll_No = " + rollNumber + "; ";

        String updatemiscell = "update miscell_class11sci set name = '" + name.getText() + "' ,
nameTeach = '" + nameTeacher.getText() + "', attend1 =
        + attendance1.getText() + ", attend2 = " + attendance2.getText() + ", promoteClass =
" + promotedToClass.getText() + ", acad1 = " +
        academic1.getText() + ", acad2 = " + academic2.getText() + " where roll_No = " +
rollNumber + "; ";
        stmt.executeUpdate(updatemiscell);

        stmt.executeUpdate(updateut1eng);
        stmt.executeUpdate(updateut1phy);
        stmt.executeUpdate(updateut1chem);
        stmt.executeUpdate(updateut1maths);
        stmt.executeUpdate(updateut1ip);
        stmt.executeUpdate(updateut1pe);

        stmt.executeUpdate(updateut2eng);
        stmt.executeUpdate(updateut2phy);
        stmt.executeUpdate(updateut2chem);
        stmt.executeUpdate(updateut2maths);
        stmt.executeUpdate(updateut2ip);
        stmt.executeUpdate(updateut2pe);

        stmt.executeUpdate(updateprac1eng);
        stmt.executeUpdate(updateprac1phy);
        stmt.executeUpdate(updateprac1chem);
        stmt.executeUpdate(updateprac1maths);
        stmt.executeUpdate(updateprac1ip);
        stmt.executeUpdate(updateprac1pe);

        stmt.executeUpdate(updatehalfyearlyeng);
        stmt.executeUpdate(updatehalfyearlyphy);
        stmt.executeUpdate(updatehalfyearlychem);
        stmt.executeUpdate(updatehalfyearlymaths);
        stmt.executeUpdate(updatehalfyearlyip);
        stmt.executeUpdate(updatehalfyearlype);
JOptionPane.showMessageDialog(null, "Data Successfully Updated");

        stmt.close();
        con.close();
    }

    catch(Exception e)
{
}

```

```
        JOptionPane.showMessageDialog(null, e);
    }
```

Continue Form:

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    ut1TotalEnglish = (double) modelA.getValueAt(0,1);
    ut2TotalEnglish = (double) modelA.getValueAt(0,2);
    ut1TotalPhysics = (double) modelA.getValueAt(1,1);
    ut2TotalPhysics = (double) modelA.getValueAt(1,2);
    ut1TotalChemistry = (double) modelA.getValueAt(2,1);
    ut2TotalChemistry = (double) modelA.getValueAt(2,2);
    ut1TotalMath = (double) modelA.getValueAt(3,1);
    ut2TotalMath = (double) modelA.getValueAt(3,2);
    ut1TotalIP = (double) modelA.getValueAt(4,1);
    ut2TotalIP = (double) modelA.getValueAt(4,2);
    ut1TotalPE = (double) modelA.getValueAt(5,1);
    ut2TotalPE = (double) modelA.getValueAt(5,2);
    hyEnglish = (double) modelA.getValueAt(0,5);

    hyPhysics = (double) modelA.getValueAt(1,5);
    hyChemistry = (double) modelA.getValueAt(2,5);
    hyMaths = (double) modelA.getValueAt(3,5);
    hyIP = (double) modelA.getValueAt(4,5);
    hyPE = (double) modelA.getValueAt(5,5);

    grNumber = grNum.getText();
    classSection = class_Sect.getText();
    rollNumber = Integer.parseInt(rollNo.getText());
    nameValue = name.getText();

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
    {
        this.dispose();
        new Class11ScienceUpdateForm2().setVisible(true);
    }
}
```

Let Positive Thinking Come to us from every side!

Class 11 Science Update Form 2

Get Original Results

Update Form Continued

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Final (70)	Practical (30)	UT-Total (120)	UT (30)	HY (30)	Final (40)	Grand Total (100)
English-C...								
Physics								
Chemistry								
Mathema...								
Informati...	0	0	0					
Physical ...	0	0	0					

Calculate
Total (out of 600):
Percentage:

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Enviornmental INF	
Attendance T-1	
Discipline	

Execute

Enter Next Student

Return to Main Menu

Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Get Original Results:

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    int roll = Class11ScienceUpdateForm.rollNumber;
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();
```

```

//ut3_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

    String query1 = "select * from ut3_class11sci where roll_No = " + roll + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        // JOptionPane.showMessageDialog(null, "Test");
        int grNumber = rs.getInt("grno");
        String nameVal = rs.getString("name");
        double english = rs.getDouble("english");
        double physics = rs.getDouble("physics");
        double chemistry = rs.getDouble("chemistry");
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");

        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(physics, 1, 1);
        modelA.setValueAt(chemistry, 2, 1);
        modelA.setValueAt(math, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//hy270_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from hy270_class11sci where roll_No = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
    }
}

```

```
        double physics = rs2.getDouble("physics");
        double chemistry = rs2.getDouble("chemistry");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(physics, 1, 2);
        modelA.setValueAt(chemistry, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from practical2_class11sci where roll_No = " + roll + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double physics = rs3.getDouble("physics");
        double chemistry = rs3.getDouble("chemistry");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(physics, 1, 3);
        modelA.setValueAt(chemistry, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
```

```

        JOptionPane.showMessageDialog(null, e);
    }

    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query2 = "select * from coAreas_class11sci where roll_No = " + roll + "; ";

        ResultSet rs4 = stmt.executeQuery(query2);

        while(rs4.next())
        {
            String work = rs4.getString("workExp");
            String env = rs4.getString("enviornment");
            String att1 = rs4.getString("attend1");
            String att2 = rs4.getString("attend2");

            modelC.setValueAt(work, 0, 1);
            modelC.setValueAt(env, 1, 1);
            modelC.setValueAt(att1, 2, 1);
            modelC.setValueAt(att2, 3, 1);
        }

        rs4.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    double utTotalEnglish = Class11ScienceUpdateForm.ut1TotalEnglish +
Class11ScienceUpdateForm.ut2TotalEnglish + (double) modelA.getValueAt(0,1);
    modelA.setValueAt(utTotalEnglish, 0, 4);
    double utTotalPhysics = Class11ScienceUpdateForm.ut1TotalPhysics +
Class11ScienceUpdateForm.ut2TotalPhysics + (double) modelA.getValueAt(1,1);
    modelA.setValueAt(utTotalPhysics, 1, 4);
    double utTotalChemistry = Class11ScienceUpdateForm.ut1TotalChemistry +
Class11ScienceUpdateForm.ut2TotalChemistry + (double) modelA.getValueAt(2,1);
    modelA.setValueAt(utTotalChemistry, 2, 4);
    double utTotalMathematics = Class11ScienceUpdateForm.ut1TotalMath +
Class11ScienceUpdateForm.ut2TotalMath + (double) modelA.getValueAt(3,1);
    modelA.setValueAt(utTotalMathematics, 3, 4);
    double utTotalIP = Class11ScienceUpdateForm.ut1TotalIP + Class11ScienceUpdateForm.ut2TotalIP +
(double) modelA.getValueAt(4,1);
    modelA.setValueAt(utTotalIP, 4, 4);
    double utTotalPE = Class11ScienceUpdateForm.ut1TotalPE + Class11ScienceUpdateForm.ut2TotalPE +
(double) modelA.getValueAt(5,1);
    modelA.setValueAt(utTotalPE, 5, 4);

    double utTotalEnglishWeighted = utTotalEnglish / 4;
    double utTotalPhysicsWeighted = utTotalPhysics / 4;
    double utTotalChemistryWeighted = utTotalChemistry / 4;
}

```

```

double utTotalMathsWeighted = utTotalMathematics / 4;
double utTotalIPWeighted = utTotalIP / 4;
double utTotalPEWeighted = utTotalPE / 4;

modelA.setValueAt(utTotalEnglishWeighted, 0, 5);
modelA.setValueAt(utTotalPhysicsWeighted, 1, 5);
modelA.setValueAt(utTotalChemistryWeighted, 2, 5);
modelA.setValueAt(utTotalMathsWeighted, 3, 5);
modelA.setValueAt(utTotalIPWeighted, 4, 5);
modelA.setValueAt(utTotalPEWeighted, 5, 5);

double hyTotalEnglish = (Class11ScienceUpdateForm.hyEnglish / 100) * 30;
modelA.setValueAt(hyTotalEnglish, 0, 6);
double hyTotalPhysics = (Class11ScienceUpdateForm.hyPhysics / 100) * 30;
modelA.setValueAt(hyTotalPhysics, 1, 6);
double hyTotalChemistry = (Class11ScienceUpdateForm.hyChemistry / 100) * 30;
modelA.setValueAt(hyTotalChemistry, 2, 6);
double hyTotalMaths = (Class11ScienceUpdateForm.hyMaths / 100) * 30;
modelA.setValueAt(hyTotalMaths, 3, 6);
double hyTotalIP = (Class11ScienceUpdateForm.hyIP / 100) * 30;
modelA.setValueAt(hyTotalIP, 4, 6);
double hyTotalPE = (Class11ScienceUpdateForm.hyPE / 100) * 30;
modelA.setValueAt(hyTotalPE, 5, 6);

double marksEnglish = (double) modelA.getValueAt(0, 2) + (double) modelA.getValueAt(0, 3);
double marksPhysics = (double) modelA.getValueAt(1, 2) + (double) modelA.getValueAt(1, 3);
double marksChemistry = (double) modelA.getValueAt(2, 2) + (double) modelA.getValueAt(2, 3);
double marksMathematics = (double) modelA.getValueAt(3, 2) + (double) modelA.getValueAt(3, 3);
double marksIP = (double) modelA.getValueAt(4, 2) + (double) modelA.getValueAt(4, 3);
double marksPE = (double) modelA.getValueAt(5, 2) + (double) modelA.getValueAt(5, 3);

double marksFinalEnglish = (marksEnglish / 100) * 40;
double marksFinalPhysics = (marksPhysics / 100) * 40;
double marksFinalChemistry = (marksChemistry / 100) * 40;
double marksFinalMaths = (marksMathematics / 100) * 40;
double marksFinalIP = (marksIP / 100) * 40;
double marksFinalPE = (marksPE / 100) * 40;

modelA.setValueAt(marksFinalEnglish, 0, 7);
modelA.setValueAt(marksFinalPhysics, 1, 7);
modelA.setValueAt(marksFinalChemistry, 2, 7);
modelA.setValueAt(marksFinalMaths, 3, 7);
modelA.setValueAt(marksFinalIP, 4, 7);
modelA.setValueAt(marksFinalPE, 5, 7);

double finalEnglish = utTotalEnglishWeighted + hyTotalEnglish + marksFinalEnglish;
double finalPhysics = utTotalPhysicsWeighted + hyTotalPhysics + marksFinalPhysics;
double finalChemistry = utTotalChemistryWeighted + hyTotalChemistry + marksFinalChemistry;
double finalMaths = utTotalMathsWeighted + hyTotalMaths + marksFinalMaths;
double finalIP = utTotalIPWeighted + hyTotalIP + marksFinalIP;
double finalPE = utTotalPEWeighted + hyTotalPE + marksFinalPE;

modelA.setValueAt(finalEnglish, 0, 8);
modelA.setValueAt(finalPhysics, 1, 8);
modelA.setValueAt(finalChemistry, 2, 8);
modelA.setValueAt(finalMaths, 3, 8);
modelA.setValueAt(finalIP, 4, 8);
modelA.setValueAt(finalPE, 5, 8);

```

```

        double totalMarks1 = (double) modelA.getValueAt(0,8) + (double) modelA.getValueAt(1,8) +
(double) modelA.getValueAt(2,8) + (double) modelA.getValueAt(3,8) + (double) modelA.getValueAt(4,8) +
(double) modelA.getValueAt(5,8);
        double percentagel = totalMarks1 / 500 * 100;

        resultOutOf5002.setText(" " + totalMarks1);
        resultPercentage2.setText(" " + percentagel + " %");

    }
}

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,2) <= 70 && (double) modelA.getValueAt(i,2) >= 0)
        {
            allow2Term1 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
            allow2Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,3) <= 30 && (double) modelA.getValueAt(i,3) >= 0)
        {
    }
}

```

```

        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true)
{
    double utTotalEnglish = Class11ScienceUpdateForm.ut1TotalEnglish +
Class11ScienceUpdateForm.ut2TotalEnglish + (double) modelA.getValueAt(0,1);
    modelA.setValueAt(utTotalEnglish, 0, 4);
    double utTotalPhysics = Class11ScienceUpdateForm.ut1TotalPhysics +
Class11ScienceUpdateForm.ut2TotalPhysics + (double) modelA.getValueAt(1,1);
    modelA.setValueAt(utTotalPhysics, 1, 4);
    double utTotalChemistry = Class11ScienceUpdateForm.ut1TotalChemistry +
Class11ScienceUpdateForm.ut2TotalChemistry + (double) modelA.getValueAt(2,1);
    modelA.setValueAt(utTotalChemistry, 2, 4);
    double utTotalMathematics = Class11ScienceUpdateForm.ut1TotalMath +
Class11ScienceUpdateForm.ut2TotalMath + (double) modelA.getValueAt(3,1);
    modelA.setValueAt(utTotalMathematics, 3, 4);
    double utTotalIP = Class11ScienceUpdateForm.ut1TotalIP + Class11ScienceUpdateForm.ut2TotalIP
+ (double) modelA.getValueAt(4,1);
    modelA.setValueAt(utTotalIP, 4, 4);
    double utTotalPE = Class11ScienceUpdateForm.ut1TotalPE + Class11ScienceUpdateForm.ut2TotalPE
+ (double) modelA.getValueAt(5,1);
    modelA.setValueAt(utTotalPE, 5, 4);

    double utTotalEnglishWeighted = utTotalEnglish / 4;
    double utTotalPhysicsWeighted = utTotalPhysics / 4;
    double utTotalChemistryWeighted = utTotalChemistry / 4;
    double utTotalMathsWeighted = utTotalMathematics / 4;
    double utTotalIPWeighted = utTotalIP / 4;
    double utTotalPEWeighted = utTotalPE / 4;

    modelA.setValueAt(utTotalEnglishWeighted, 0, 5);
    modelA.setValueAt(utTotalPhysicsWeighted, 1, 5);
    modelA.setValueAt(utTotalChemistryWeighted, 2, 5);
    modelA.setValueAt(utTotalMathsWeighted, 3, 5);
    modelA.setValueAt(utTotalIPWeighted, 4, 5);
    modelA.setValueAt(utTotalPEWeighted, 5, 5);

    double hyTotalEnglish = (Class11ScienceUpdateForm.hyEnglish / 100 ) * 30;
    modelA.setValueAt(hyTotalEnglish,0,6);
    double hyTotalPhysics = (Class11ScienceUpdateForm.hyPhysics / 100 ) * 30;
    modelA.setValueAt(hyTotalPhysics,1,6);
    double hyTotalChemistry = (Class11ScienceUpdateForm.hyChemistry / 100 ) * 30;
    modelA.setValueAt(hyTotalChemistry,2,6);
    double hyTotalMaths = (Class11ScienceUpdateForm.hyMaths / 100 ) * 30;
    modelA.setValueAt(hyTotalMaths,3,6);
    double hyTotalIP = (Class11ScienceUpdateForm.hyIP / 100 ) * 30;
    modelA.setValueAt(hyTotalIP,4,6);
    double hyTotalPE = (Class11ScienceUpdateForm.hyPE / 100 ) * 30;
    modelA.setValueAt(hyTotalPE,5,6);
}

```

```

        double marksEnglish = (double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(0,3);
        double marksPhysics = (double) modelA.getValueAt(1,2) + (double) modelA.getValueAt(1,3);
        double marksChemistry = (double) modelA.getValueAt(2,2) + (double) modelA.getValueAt(2,3);
        double marksMathematics = (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(3,3);
        double marksIP = (double) modelA.getValueAt(4,2) + (double) modelA.getValueAt(4,3);
        double marksPE = (double) modelA.getValueAt(5,2) + (double) modelA.getValueAt(5,3);

        double marksFinalEnglish = (marksEnglish / 100) * 40;
        double marksFinalPhysics = (marksPhysics / 100) * 40;
        double marksFinalChemistry = (marksChemistry / 100) * 40;
        double marksFinalMaths = (marksMathematics / 100) * 40;
        double marksFinalIP = (marksIP / 100) * 40;
        double marksFinalPE = (marksPE / 100) * 40;

        modelA.setValueAt(marksFinalEnglish, 0, 7);
        modelA.setValueAt(marksFinalPhysics, 1, 7);
        modelA.setValueAt(marksFinalChemistry, 2, 7);
        modelA.setValueAt(marksFinalMaths, 3, 7);
        modelA.setValueAt(marksFinalIP, 4, 7);
        modelA.setValueAt(marksFinalPE, 5, 7);

        double finalEnglish = utTotalEnglishWeighted + hyTotalEnglish + marksFinalEnglish;
        double finalPhysics = utTotalPhysicsWeighted + hyTotalPhysics + marksFinalPhysics;
        double finalChemistry = utTotalChemistryWeighted + hyTotalChemistry + marksFinalChemistry;
        double finalMaths = utTotalMathsWeighted + hyTotalMaths + marksFinalMaths;
        double finalIP = utTotalIPWeighted + hyTotalIP + marksFinalIP;
        double finalPE = utTotalPEWeighted + hyTotalPE + marksFinalPE;

        modelA.setValueAt(finalEnglish, 0, 8);
        modelA.setValueAt(finalPhysics, 1, 8);
        modelA.setValueAt(finalChemistry, 2, 8);
        modelA.setValueAt(finalMaths, 3, 8);
        modelA.setValueAt(finalIP, 4, 8);
        modelA.setValueAt(finalPE, 5, 8);

        double totalMarks1 = (double) modelA.getValueAt(0,8) + (double) modelA.getValueAt(1,8) +
        (double) modelA.getValueAt(2,8) + (double) modelA.getValueAt(3,8) + (double) modelA.getValueAt(4,8) +
        (double) modelA.getValueAt(5,8);
        double percentage1 = totalMarks1 / 500 * 100;

        resultOutOf5002.setText(" " + totalMarks1);
        resultPercentage2.setText(" " + percentage1 + " %");
    }
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model2 =(DefaultTableModel) tableB.getModel();
    DefaultTableModel model3 =(DefaultTableModel) tableC.getModel();

    int rollNumber = Class11ScienceUpdateForm.rollNumber;

    try{
        Class.forName("java.sql.Driver");

```

```

Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
Statement stmt = (Statement) con.createStatement();

String updateut3eng = "update ut3_class11sci set English = " + model2.getValueAt(0,1) + "
where roll_No = " + rollNumber + "; ";
String updateut3phy = "update ut3_class11sci set Physics = " + model2.getValueAt(1,1) + "
where roll_No = " + rollNumber + "; ";
String updateut3chem = "update ut3_class11sci set Chemistry = " + model2.getValueAt(2,1) +
" where roll_No = " + rollNumber + "; ";
String updateut3maths = "update ut3_class11sci set Mathematics = " + model2.getValueAt(3,1)
+ " where roll_No = " + rollNumber + "; ";
String updateut3ip = "update ut3_class11sci set IP = " + model2.getValueAt(4,1) + " where
roll_No = " + rollNumber + "; ";
String updateut3pe = "update ut3_class11sci set PE = " + model2.getValueAt(5,1) + " where
roll_No = " + rollNumber + "; ";

String updateprac2eng = "update practical2_class11sci set English = " +
model2.getValueAt(0,3) + " where roll_No = " + rollNumber + "; ";
String updateprac2phy = "update practical2_class11sci set Physics = " +
model2.getValueAt(1,3) + " where roll_No = " + rollNumber + "; ";
String updateprac2chem = "update practical2_class11sci set Chemistry = " +
model2.getValueAt(2,3) + " where roll_No = " + rollNumber + "; ";
String updateprac2maths = "update practical2_class11sci set Mathematics = " +
model2.getValueAt(3,3) + " where roll_No = " + rollNumber + "; ";
String updateprac2ip = "update practical2_class11sci set IP = " + model2.getValueAt(4,3) + "
where roll_No = " + rollNumber + "; ";
String updateprac2pe = "update practical2_class11sci set PE = " + model2.getValueAt(5,3) +
" where roll_No = " + rollNumber + "; ";

String updatehy270eng = "update hy270_class11sci set English = " + model2.getValueAt(0,2) +
" where roll_No = " + rollNumber + "; ";
String updatehy270phy = "update hy270_class11sci set Physics = " + model2.getValueAt(1,2) +
" where roll_No = " + rollNumber + "; ";
String updatehy270chem = "update hy270_class11sci set Chemistry = " +
model2.getValueAt(2,2) + " where roll_No = " + rollNumber + "; ";
String updatehy270maths = "update hy270_class11sci set Mathematics = " +
model2.getValueAt(3,2) + " where roll_No = " + rollNumber + "; ";
String updatehy270ip = "update hy270_class11sci set IP = " + model2.getValueAt(4,2) +
" where roll_No = " + rollNumber + "; ";
String updatehy270pe = "update hy270_class11sci set PE = " + model2.getValueAt(5,2) +
" where roll_No = " + rollNumber + "; ";

String updatecoAreas = "update coAreas_class11sci set workExp = '" + model3.getValueAt(0,1)
+ "', enviornment = '" +
model3.getValueAt(1,1) + "', attend1 = '" + model3.getValueAt(2,1) + "', attend2 =
" + model3.getValueAt(3,1) +
"' where roll_No = " + rollNumber + "; ";

stmt.executeUpdate(updatecoAreas);

stmt.executeUpdate(updateut3eng);
stmt.executeUpdate(updateut3phy);
stmt.executeUpdate(updateut3chem);
stmt.executeUpdate(updateut3maths);
stmt.executeUpdate(updateut3ip);
stmt.executeUpdate(updateut3pe);

```

```
stmt.executeUpdate(updateprac2eng);
stmt.executeUpdate(updateprac2phy);
stmt.executeUpdate(updateprac2chem);
stmt.executeUpdate(updateprac2maths);
stmt.executeUpdate(updateprac2ip);
stmt.executeUpdate(updateprac2pe);

stmt.executeUpdate(updatehy270eng);
stmt.executeUpdate(updatehy270phy);
stmt.executeUpdate(updatehy270chem);
stmt.executeUpdate(updatehy270maths);
stmt.executeUpdate(updatehy270ip);
stmt.executeUpdate(updatehy270pe);

JOptionPane.showMessageDialog(null, "Data Successfully Updated");

stmt.close();
con.close();
}

catch(Exception e)
{
    JOptionPane.showMessageDialog(null,e);
}

}
```

Enter Next Student:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();
    new Class11ScienceUpdateForm().setVisible(true);
}
```

Return to Main Menu

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

Class 11 Science Print Form

Class 11 Science Print Form

[Back](#)

Section: **Science** Class: **11** Roll Number: **[REDACTED]** **Get Original Results**

G.R. Number: **[REDACTED]**

Name: **[REDACTED]**

Attendance:

Name of Class Teacher: **[REDACTED]**

Academic Session:

[REDACTED] Days / **[REDACTED]** Days

Promoted to Class (enter Number): **[REDACTED]**

20 **[REDACTED]** - 20 **[REDACTED]**

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (30)	HY Total (100)
English Core					
Physics					
Chemistry					
Mathematics					
Information Pract...	0	0	0	0	0
Physical Education	0	0	0	0	0
Total (out of 500):					
Percentage (Half Yearly):					

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Attendance T-2	

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Final (70)	Practical (30)	UT-Total (120)	UT (30)	HY (30)	Final (40)	Grand Total (100)
English-Core								
Physics								
Chemistry								
Mathematics/Biology								
Information Pract...	0	0	0					
Physical Education	0	0	0					
Total (out of 600):								
Percentage:								

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class11SciencePrintForm extends javax.swing.JFrame {
    public static int rollNumber;

    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalPhysics;
    public static double ut2TotalPhysics;
    public static double ut1TotalChemistry;
    public static double ut2TotalChemistry;
    public static double ut1TotalMath;
}

```

```

public static double ut2TotalMath;
public static double ut1TotalIP;
public static double ut2TotalIP;
public static double ut1TotalPE;
public static double ut2TotalPE;
public static double hyEnglish;
public static double hyPhysics;
public static double hyChemistry;
public static double hyMaths;
public static double hyIP;
public static double hyPE;

```



```

public static String grNumber;
public static String classSection;
public static String academicValue1;
public static String academicValue2;
public static String attendanceValue1;
public static String attendanceValue2;
public static String promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    rollNumber = Integer.parseInt(rollNo.getText());
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    //ut1_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
        "root", "ankit");
        Statement stmt = con.createStatement();
        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name
        String query1 = "select * from ut1_class11sci where roll_No = " + rollNumber + ";";
        ResultSet rs = stmt.executeQuery(query1);
        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double physics = rs.getDouble("physics");
            double chemistry = rs.getDouble("chemistry");
            double maths = rs.getDouble("Mathematics");
            double ip = rs.getDouble("ip");
            double pe = rs.getDouble("pe");

```

```
name.setText(nameVal);
grNum.setText(" " + grNumber);
modelA.setValueAt(english, 0, 1);
modelA.setValueAt(physics, 1, 1);
modelA.setValueAt(chemistry, 2, 1);
modelA.setValueAt(maths, 3, 1);
modelA.setValueAt(ip, 4, 1);
modelA.setValueAt(pe, 5, 1);

}

rs.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//ut2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from ut2_class11sci where roll_No = " + rollNumber + " ; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double physics = rs2.getDouble("physics");
        double chemistry = rs2.getDouble("chemistry");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(physics, 1, 2);
        modelA.setValueAt(chemistry, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
```

```
//hy170_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from hy170_class11sci where roll_No = " + rollNumber + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double physics = rs3.getDouble("physics");
        double chemistry = rs3.getDouble("chemistry");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(physics, 1, 3);
        modelA.setValueAt(chemistry, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical1_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from practical1_class11sci where roll_No = " + rollNumber + "; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double english = rs4.getDouble("english");
        double physics = rs4.getDouble("physics");
        double chemistry = rs4.getDouble("chemistry");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(physics, 1, 4);
```

```

        modelA.setValueAt(chemistry, 2, 4);
        modelA.setValueAt(math, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
    }

    double marksEnglish = (double) modelA.getValueAt(0, 3) + (double) modelA.getValueAt(0, 4);
    double marksPhysics = (double) modelA.getValueAt(1, 3) + (double) modelA.getValueAt(1, 4);
    double marksChemistry = (double) modelA.getValueAt(2, 3) + (double) modelA.getValueAt(2, 4);
    double marksMathematics = (double) modelA.getValueAt(3, 3) + (double) modelA.getValueAt(3, 4);
    double marksIP = (double) modelA.getValueAt(4, 3) + (double) modelA.getValueAt(4, 4);
    double marksPE = (double) modelA.getValueAt(5, 3) + (double) modelA.getValueAt(5, 4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksPhysics, 1, 5);
    modelA.setValueAt(marksChemistry, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);

    double totalMarks1 = (double) modelA.getValueAt(0, 5) + (double) modelA.getValueAt(1, 5) +
(double) modelA.getValueAt(2, 5) + (double) modelA.getValueAt(3, 5) + (double) modelA.getValueAt(4, 5) +
(double) modelA.getValueAt(5, 5);
    double percentage1 = totalMarks1 / 500 * 100;

    resultOutOf5001.setText(" " + totalMarks1);
    resultPercentage1.setText(" " + percentage1 + " %");

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//miscell_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from miscell_class11sci where roll_No = " + rollNumber + "; ";
    ResultSet rs5 = stmt.executeQuery(query3);

    while(rs5.next())
    {
        String nameVal = rs5.getString("name");
        String nameTea = rs5.getString("nameTeach");
        int att1 = rs5.getInt("attend1");
        int att2 = rs5.getInt("attend2");
        int acad1 = rs5.getInt("acad1");
        int acad2 = rs5.getInt("acad2");
        int proClass = rs5.getInt("promoteClass");

        name.setText(nameVal);
    }
}

```

```

        nameTeacher.setText(nameTea);
        attendance1.setText(" " + att1);
        attendance2.setText(" " + att2);
        academic1.setText(" " + acad1);
        academic2.setText(" " + acad2);
        promotedToClass.setText(" " + proClass);

    }

    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();
int roll = Integer.parseInt(rollNo.getText());
//ut3_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
    SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name
    String query1 = "select * from ut3_class11sci where roll_No = " + roll + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        //JOptionPane.showMessageDialog(null, "Test");
        int grNumber = rs.getInt("grno");
        String nameVal = rs.getString("name");
        double english = rs.getDouble("english");
        double physics = rs.getDouble("physics");
        double chemistry = rs.getDouble("chemistry");
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");

        modelB.setValueAt(english, 0, 1);
        modelB.setValueAt(physics, 1, 1);
        modelB.setValueAt(chemistry, 2, 1);
        modelB.setValueAt(math, 3, 1);
        modelB.setValueAt(ip, 4, 1);
        modelB.setValueAt(pe, 5, 1);
    }

    rs.close();
    stmt.close();
}

```

```

        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //hy270_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query2 = "select * from hy270_class11sci where roll_No = " + roll + "; ";
        ResultSet rs2 = stmt.executeQuery(query2);

        while(rs2.next())
        {
            double english = rs2.getDouble("english");
            double physics = rs2.getDouble("physics");
            double chemistry = rs2.getDouble("chemistry");
            double maths = rs2.getDouble("Mathematics");
            double ip = rs2.getDouble("ip");
            double pe = rs2.getDouble("pe");

            modelB.setValueAt(english, 0, 2);
            modelB.setValueAt(physics, 1, 2);
            modelB.setValueAt(chemistry, 2, 2);
            modelB.setValueAt(maths, 3, 2);
            modelB.setValueAt(ip, 4, 2);
            modelB.setValueAt(pe, 5, 2);
        }

        rs2.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //practical2_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query3 = "select * from practical2_class11sci where roll_No = " + roll + "; ";

        ResultSet rs3 = stmt.executeQuery(query3);

        while(rs3.next())
        {
            double english = rs3.getDouble("english");

```

```

        double physics = rs3.getDouble("physics");
        double chemistry = rs3.getDouble("chemistry");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");

        modelB.setValueAt(english, 0, 3);
        modelB.setValueAt(physics, 1, 3);
        modelB.setValueAt(chemistry, 2, 3);
        modelB.setValueAt(math, 3, 3);
        modelB.setValueAt(ip, 4, 3);
        modelB.setValueAt(pe, 5, 3);
    }

    double utTotalEnglish = (double) modelA.getValueAt(0,1) + (double) modelA.getValueAt(0,2) +
(double) modelB.getValueAt(0,1);
    modelB.setValueAt(utTotalEnglish, 0, 4);
    double utTotalPhysics = (double) modelA.getValueAt(1,1) + (double) modelA.getValueAt(1,2) +
(double) modelB.getValueAt(1,1);
    modelB.setValueAt(utTotalPhysics, 1, 4);
    double utTotalChemistry = (double) modelA.getValueAt(2,1) + (double) modelA.getValueAt(2,2)
+ (double) modelB.getValueAt(2,1);
    modelB.setValueAt(utTotalChemistry, 2, 4);
    double utTotalMathematics = (double) modelA.getValueAt(3,1) + (double)
modelA.getValueAt(3,2) + (double) modelB.getValueAt(3,1);
    modelB.setValueAt(utTotalMathematics, 3, 4);
    double utTotalIP = (double) modelA.getValueAt(4,1) + (double) modelA.getValueAt(4,2) +
(double) modelB.getValueAt(4,1);
    modelB.setValueAt(utTotalIP, 4, 4);
    double utTotalPE = (double) modelA.getValueAt(5,1) + (double) modelA.getValueAt(5,2) +
(double) modelB.getValueAt(5,1);
    modelB.setValueAt(utTotalPE, 5, 4);

    double utTotalEnglishWeighted = utTotalEnglish / 4;
    double utTotalPhysicsWeighted = utTotalPhysics / 4;
    double utTotalChemistryWeighted = utTotalChemistry / 4;
    double utTotalMathsWeighted = utTotalMathematics / 4;
    double utTotalIPWeighted = utTotalIP / 4;
    double utTotalPEWeighted = utTotalPE / 4;

    modelB.setValueAt(utTotalEnglishWeighted, 0, 5);
    modelB.setValueAt(utTotalPhysicsWeighted, 1, 5);
    modelB.setValueAt(utTotalChemistryWeighted, 2, 5);
    modelB.setValueAt(utTotalMathsWeighted, 3, 5);
    modelB.setValueAt(utTotalIPWeighted, 4, 5);
    modelB.setValueAt(utTotalPEWeighted, 5, 5);

    double hyTotalEnglish = ((double) modelA.getValueAt(0,5) / 100 ) * 30;
    modelB.setValueAt(hyTotalEnglish,0,6);
    double hyTotalPhysics = ((double) modelA.getValueAt(1,5) / 100 ) * 30;
    modelB.setValueAt(hyTotalPhysics,1,6);
    double hyTotalChemistry = ((double) modelA.getValueAt(2,5) / 100 ) * 30;
    modelB.setValueAt(hyTotalChemistry,2,6);
    double hyTotalMaths = ((double) modelA.getValueAt(3,5) / 100 ) * 30;
    modelB.setValueAt(hyTotalMaths,3,6);
    double hyTotalIP = ((double) modelA.getValueAt(4,5) / 100 ) * 30;
    modelB.setValueAt(hyTotalIP,4,6);
    double hyTotalPE = ((double) modelA.getValueAt(5,5) / 100 ) * 30;
    modelB.setValueAt(hyTotalPE,5,6);

```

```

double marksEnglish = (double) modelB.getValueAt(0,1) + (double) modelB.getValueAt(0,2);
double marksPhysics = (double) modelB.getValueAt(1,1) + (double) modelB.getValueAt(1,2);
double marksChemistry = (double) modelB.getValueAt(2,1) + (double) modelB.getValueAt(2,2);
double marksMathematics = (double) modelB.getValueAt(3,1) + (double) modelB.getValueAt(3,2);
double marksIP = (double) modelB.getValueAt(4,1) + (double) modelB.getValueAt(4,2);
double marksPE = (double) modelB.getValueAt(5,1) + (double) modelB.getValueAt(5,2);

double marksFinalEnglish = (marksEnglish / 100 ) * 40;
double marksFinalPhysics = (marksPhysics / 100 ) * 40;
double marksFinalChemistry = (marksChemistry / 100 ) * 40;
double marksFinalMaths = (marksMathematics / 100 ) * 40;
double marksFinalIP = (marksIP / 100 ) * 40;
double marksFinalPE = (marksPE / 100 ) * 40;

modelB.setValueAt(marksFinalEnglish, 0, 7);
modelB.setValueAt(marksFinalPhysics, 1, 7);
modelB.setValueAt(marksFinalChemistry, 2, 7);
modelB.setValueAt(marksFinalMaths, 3, 7);
modelB.setValueAt(marksFinalIP, 4, 7);
modelB.setValueAt(marksFinalPE, 5, 7);

double finalEnglish = utTotalEnglishWeighted + hyTotalEnglish + marksFinalEnglish;
double finalPhysics = utTotalPhysicsWeighted + hyTotalPhysics + marksFinalPhysics;
double finalChemistry = utTotalChemistryWeighted + hyTotalChemistry + marksFinalChemistry;
double finalMaths = utTotalMathsWeighted + hyTotalMaths + marksFinalMaths;
double finalIP = utTotalIPWeighted + hyTotalIP + marksFinalIP;
double finalPE = utTotalPEWeighted + hyTotalPE + marksFinalPE;

modelB.setValueAt(finalEnglish, 0, 8);
modelB.setValueAt(finalPhysics, 1, 8);
modelB.setValueAt(finalChemistry, 2, 8);
modelB.setValueAt(finalMaths, 3, 8);
modelB.setValueAt(finalIP, 4, 8);
modelB.setValueAt(finalPE, 5, 8);

double totalMarks1 = (double) modelB.getValueAt(0,8) + (double) modelB.getValueAt(1,8) +
(double) modelB.getValueAt(2,8) + (double) modelB.getValueAt(3,8) + (double) modelB.getValueAt(4,8) +
(double) modelB.getValueAt(5,8);
double percentage1 = totalMarks1 / 500 * 100;

resultOutOf5002.setText(" " + totalMarks1);
resultPercentage2.setText(" " + percentage1 + " %");

rs3.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");
    Statement stmt = con.createStatement();
}

```

```
String query2 = "select * from coAreas_class11sci where roll_No = " + roll + "; ";
ResultSet rs4 = stmt.executeQuery(query2);

while(rs4.next())
{
    String work = rs4.getString("workExp");
    String env = rs4.getString("enviornment");
    String att1 = rs4.getString("attend1");
    String att2 = rs4.getString("attend2");

    modelC.setValueAt(work, 0, 1);
    modelC.setValueAt(env, 1, 1);
    modelC.setValueAt(att1, 2, 1);
    modelC.setValueAt(att2, 3, 1);
}

rs4.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
```

Back:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

Let Justice Prevail! Come to us from every side!

Class 12 Commerce Result Form

Class 12 Commerce Result Form

[Back](#)
G.R. Number: Class: 12Roll Number: Section: CommerceName:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / Days
Promoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (30)	HY Total (1...
English Core					
Accountancy					
B St.					
Mathematics	0	0	0	0	
Information Practices	0	0	0	0	
Physical Education	0	0	0	0	
Economics					

Total (out of 500): Percentage (Half Yearly):

Need To Import/Global:

```

import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;

public class Class12CommerceResultForm extends javax.swing.JFrame {
    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalAccount;
    public static double ut2TotalAccount;
    public static double ut1TotalBSt;
    public static double ut2TotalBSt;
    public static double ut1TotalMath;
    public static double ut2TotalMath;
    public static double ut1TotalIP;
    public static double ut2TotalIP;
    public static double ut1TotalPE;
}

```

```

public static double ut2TotalPE;
public static double ut1TotalEcon;
public static double ut2TotalEcon;

public static double hyEnglish;
public static double hyAccount;
public static double hyBST;
public static double hyMaths;
public static double hyIP;
public static double hyPE;
public static double hyEcon;

public static String grNumber;
public static String classSection;
public static int rollNumber;
public static int academicValue1;
public static int academicValue2;
public static int attendanceValue1;
public static int attendanceValue2;
public static int promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    // DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }
        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i,2) <= 40 && (double) modelA.getValueAt(i,2) >= 0)
        {

```

```

        allow2Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i, 4) <= 30 && (double) modelA.getValueAt(i, 4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0, 3) + (double) modelA.getValueAt(0, 4);
    double marksAccount = (double) modelA.getValueAt(1, 3) + (double) modelA.getValueAt(1, 4);
    double marksBST = (double) modelA.getValueAt(2, 3) + (double) modelA.getValueAt(2, 4);
    double marksMathematics = (double) modelA.getValueAt(3, 3) + (double) modelA.getValueAt(3, 4);
    double marksIP = (double) modelA.getValueAt(4, 3) + (double) modelA.getValueAt(4, 4);
    double marksPE = (double) modelA.getValueAt(5, 3) + (double) modelA.getValueAt(5, 4);
    double marksEcon = (double) modelA.getValueAt(6, 3) + (double) modelA.getValueAt(6, 4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksAccount, 1, 5);
    modelA.setValueAt(marksBST, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);
    modelA.setValueAt(marksEcon, 6, 5);

    double totalMarks1 = (double) modelA.getValueAt(0, 5) + (double) modelA.getValueAt(1, 5) +
(double) modelA.getValueAt(2, 5) + (double) modelA.getValueAt(3, 5) + (double) modelA.getValueAt(4, 5) +
(double) modelA.getValueAt(5, 5) + (double) modelA.getValueAt(6, 5);
    double percentage1 = totalMarks1 / 500 * 100;

    resultOutOf5001.setText(" " + totalMarks1);
    resultPercentage1.setText(" " + percentage1 + " %");

    ut1TotalEnglish = (double) modelA.getValueAt(0, 1);
    ut2TotalEnglish = (double) modelA.getValueAt(0, 2);
    ut1TotalAccount = (double) modelA.getValueAt(1, 1);
    ut2TotalAccount = (double) modelA.getValueAt(1, 2);
    ut1TotalBST = (double) modelA.getValueAt(2, 1);
}

```

```

        ut2TotalBST = (double) modelA.getValueAt(2,2);
        ut1TotalMath = (double) modelA.getValueAt(3,1);
        ut2TotalMath = (double) modelA.getValueAt(3,2);
        ut1TotalIP = (double) modelA.getValueAt(4,1);
        ut2TotalIP = (double) modelA.getValueAt(4,2);
        ut1TotalPE = (double) modelA.getValueAt(5,1);
        ut2TotalPE = (double) modelA.getValueAt(5,2);
        ut1TotalEcon = (double) modelA.getValueAt(6,1);
        ut2TotalEcon = (double) modelA.getValueAt(6,2);

        hyEnglish = (double) modelA.getValueAt(0,5);
        hyAccount = (double) modelA.getValueAt(1,5);
        hyBST = (double) modelA.getValueAt(2,5);
        hyMaths = (double) modelA.getValueAt(3,5);
        hyIP = (double) modelA.getValueAt(4,5);
        hyPE = (double) modelA.getValueAt(5,5);
        hyEcon = (double) modelA.getValueAt(6,5);

    }

    grNumber = grNum.getText();
    classSection = class_Sect.getText();
    rollNumber = Integer.parseInt(rollNo.getText());
    nameValue = name.getText();
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modell = (DefaultTableModel) tableA.getModel();

    try{
        // JOptionPane.showMessageDialog(null,"Checkpoint-1");
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String ut1 = "Insert into ut1_class12comm values" + "(" + grNum.getText() + " , " + " ' " +
name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " + rollNo.getText() +
" ' " + " , " + modell.getValueAt(0,1) + " , " + modell.getValueAt(1,1)
        + " , " + modell.getValueAt(2,1) + " , " + modell.getValueAt(3,1) + " , "
        + modell.getValueAt(4,1) + " , " + modell.getValueAt(5,1) + " , " + modell.getValueAt(6,1) +")";

        String ut2 = "Insert into ut2_class12comm values" + "(" + grNum.getText() + " , " + " ' " +
name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " + rollNo.getText() +
" ' " + " , " + modell.getValueAt(0,2) + " , " + modell.getValueAt(1,2)
        + " , " + modell.getValueAt(2,2) + " , " + modell.getValueAt(3,2) + " , "
        + modell.getValueAt(4, 2) + " , " + modell.getValueAt(5,2) + " , " + modell.getValueAt(6,2) +")";

        String halfyearly1 = "Insert into hy170_class12comm values" + "(" + grNum.getText() + " , "
+ " ' " + name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " +
rollNo.getText() + " ' " + " , " + modell.getValueAt(0,3) + " , " + modell.getValueAt(1,3)
        + " , " + modell.getValueAt(2,3) + " , " + modell.getValueAt(3,3) + " , "
        + modell.getValueAt(4, 3) + " , " + modell.getValueAt(5,3) + " , " + modell.getValueAt(6,3) +")";
    }

```

```

        String pracl = "Insert into practical1_class12comm values" + "(" + grNum.getText() + " , " +
" " + name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " +
rollNo.getText() + " ' " + " , " + model1.getValueAt(0,4) + " , " + model1.getValueAt(1,4)
+ " , " + model1.getValueAt(2,4) + " , " + model1.getValueAt(3,4) + " , " +
model1.getValueAt(4, 4) + " , " + model1.getValueAt(5,4) + " , " + model1.getValueAt(6,4) +");";

        String miscell = "Insert into miscell_class12comm values" + "(" + "!" + name.getText() + "!"
+ " , " + "!" + nameTeacher.getText() + "!" + " , " + Integer.parseInt(attendance1.getText()) + " , " +
Integer.parseInt(attendance2.getText()) + " , " +
+ Integer.parseInt(promotedToClass.getText()) + " , " + Integer.parseInt(academic1.getText())
+ " , " + Integer.parseInt(academic2.getText()) + " , " + rollNo.getText() + ");";
//String test = "Insert into test values" + "(" + "!" + name.getText() + "!" + " , " + "!" +
nameTeacher.getText() + "!" + ");";

        // JOptionPane.showMessageDialog(null, "Checkpoint-2");

        stmt.executeUpdate(miscell);
        stmt.executeUpdate(ut1);
        stmt.executeUpdate(ut2);
        stmt.executeUpdate(pracl);
        stmt.executeUpdate(halfyearly1);

        stmt.close();
        con.close();

        JOptionPane.showMessageDialog(null, "Data Successfully Entered- Term 1");
    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

```

Continue Form:

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
    {
        this.dispose();
        new Class12CommerceResultForm2().setVisible(true);
    }
    //this.dispose();
    //new Class678ResultForm2().setVisible(true); // TODO add your handling code here:
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 12 Commerce Result Form 2

Result Form Continued

Part A- Scholastic Areas (100 Marks)

Subject Name	UT-3 (40)	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English-Core				
Accountancy				
B St.				
Mathematics/Biology	0			
Information Practices	0			
Physical Education	0			
Economics				

Calculate Pre-Board I % Pre-Board II % Pre-Board III %

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Attendance T-2	

Execute

Enter Next Student

Return to Main Menu

Need To Import/Global:

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;
```

GET FRAMES THROUGH COME TO US FROM EVERY SIDE

Calculate:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 6; i++)
```

```
{  
    if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)  
    {  
        allow1Term1 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.  
Re-enter Data Value");  
        allow1Term1 = false;  
        break;  
    }  
}  
  
for (int i = 0; i <= 6; i++)  
{  
    if ((double) modelA.getValueAt(i,2) <= 100 && (double) modelA.getValueAt(i,2) >= 0)  
    {  
        allow2Term1 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is  
0. Re-enter Data Value");  
        allow2Term1 = false;  
        break;  
    }  
}  
  
for (int i = 0; i <= 6; i++)  
{  
    if ((double) modelA.getValueAt(i,3) <= 100 && (double) modelA.getValueAt(i,3) >= 0)  
    {  
        allow3Term1 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is  
0. Re-enter Data Value");  
        allow3Term1 = false;  
        break;  
    }  
}  
  
for (int i = 0; i <= 6; i++)  
{  
    if ((double) modelA.getValueAt(i,4) <= 100 && (double) modelA.getValueAt(i,4) >= 0)  
    {  
        allow4Term1 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is  
0. Re-enter Data Value");  
        allow4Term1 = false;  
    }  
}
```

```
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true)
{
    double pb1 = (double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) + (double)
modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2) + (double)
modelA.getValueAt(5,2);
    double pb2 = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) + (double)
modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3) + (double)
modelA.getValueAt(5,3);
    double pb3 = (double) modelA.getValueAt(0,4) + (double) modelA.getValueAt(1,4) + (double)
modelA.getValueAt(2,4) + (double) modelA.getValueAt(3,4) + (double) modelA.getValueAt(4,4) + (double)
modelA.getValueAt(5,4);

    double pb1Per = pb1 / 5;
    double pb2Per = pb2 / 5;
    double pb3Per = pb3 / 5;

    pb1Percent.setText(" " + pb1Per);
    pb2Percent.setText(" " + pb2Per);
    pb3Percent.setText(" " + pb3Per);
}
```

Execute:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {  
    DefaultTableModel model2 =(DefaultTableModel) tableB.getModel();  
    DefaultTableModel modelC =(DefaultTableModel) tableC.getModel();  
  
    try{  
        String gr = Class12CommerceResultForm.grNumber;  
  
        //JOptionPane.showMessageDialog(null, gr);  
        String section = Class12CommerceResultForm.classSection;  
        int rollNum = Class12CommerceResultForm.rollNumber;  
        String name = Class12CommerceResultForm.nameValue;  
  
        Class.forName("java.sql.Driver");  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");  
        Statement stmt = (Statement) con.createStatement();  
  
        String ut3 = "Insert into ut3_class12comm values" + "(" + gr + " , " + " ' " + name + " ' "  
+ " , " + " ' " + section + " ' "+ " , " + " ' " + rollNum + " ' " + " , " + model2.getValueAt(0,1) + " , "  
" + model2.getValueAt(1,1)  
        + " , " + model2.getValueAt(2,1) + " , " + model2.getValueAt(3,1) + "," +  
model2.getValueAt(4,1) + " , " + model2.getValueAt(5,1) + " , " + model2.getValueAt(6,1) + ");";  
  
        String pb1 = "Insert into preboard_i_class12comm values" + "(" + gr + " , " + " ' " + name + "  
" ' " + " , " + " ' " + section + " ' "+ " , " + " ' " + rollNum + " ' " + " , " + model2.getValueAt(0,2)  
+ " , " + model2.getValueAt(1,2)
```

```

        + " , " + model2.getValueAt(2,2) + " , " + model2.getValueAt(3,2) + " , " +
model2.getValueAt(4,2) + " , " + model2.getValueAt(5,2) + " , " + model2.getValueAt(6,2) + ");";

        String pb2 = "Insert into preboard_iiclass12comm values" + "(" + gr + " , " + " ' " + name
+ " ' " + " , " + " ' " + section + " ' "+ " , " + " ' " + rollNum + " ' " + " , " +
model2.getValueAt(0,3) + " , " + model2.getValueAt(1,3)
        + " , " + model2.getValueAt(2,3) + " , " + model2.getValueAt(3,3) + " , " +
model2.getValueAt(4,3) + " , " + model2.getValueAt(5,3) + " , " + model2.getValueAt(6,3) + ");";

        String pb3 = "Insert into preboard_iii_class12comm values" + "(" + gr + " , " + " ' " + name
+ " ' " + " , " + " ' " + section + " ' "+ " , " + " ' " + rollNum + " ' " + " ,
model2.getValueAt(0,4) + " , " + model2.getValueAt(1,4)
        + " , " + model2.getValueAt(2,4) + " , " + model2.getValueAt(3,4) + " , " +
model2.getValueAt(4,4) + " , " + model2.getValueAt(5,4) + " , " + model2.getValueAt(6,4) + ");";

        String coArea = "Insert into coAreas_class12comm values'" + modelC.getValueAt(0,1) + "' , ' "
+ modelC.getValueAt(1,1) + "' , ' " + modelC.getValueAt(2,1) + "' , ' " + modelC.getValueAt(3,1) + "' , ' "
+ rollNum + "';";
stmt.executeUpdate(coArea);

stmt.executeUpdate(ut3);
stmt.executeUpdate(pb1);
stmt.executeUpdate(pb2);
stmt.executeUpdate(pb3);

JOptionPane.showMessageDialog(null, "Data Successfully Entered- Term 2");

stmt.close();
con.close();
}

catch(Exception e)
{
    JOptionPane.showMessageDialog(null,e);
}
}
}

Enter New Student:
WELSPUN
Return To Main Menu:
Return To Main Menu 

```

Class 12 Commerce Update Form

Class 12 Commerce Update Form

[Back](#)
Section: **Commerce**Class: **12**Roll Number:
[Get Original Results](#)
G.R. Number: Name:

Attendance:

 Days / Days
Name of Class Teacher:

Academic Session:

20 - 20 Promoted to Class (enter Number):

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (...)	HY Total (...)
English Core					
Accountancy					
B St					
Mathematics	0	0	0	0	
Information Practices	0	0	0	0	
Physical Education	0	0	0	0	
Economics					

Total (out of 500):

Percentage (Half Yearly):

[Calculate](#)
[Execute](#)
[Continue Form](#)

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class12CommerceUpdateForm extends javax.swing.JFrame {
    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalAccount;
    public static double ut2TotalAccount;
    public static double ut1TotalBST;
    public static double ut2TotalBST;
    public static double ut1TotalMath;
    public static double ut2TotalMath;
    public static double ut1TotalIP;
    public static double ut2TotalIP;
    public static double ut1TotalPE;
    public static double ut2TotalPE;
    public static double ut1TotalEcon;
    public static double ut2TotalEcon;
}

```

```

public static double hyEnglish;
public static double hyAccount;
public static double hyBST;
public static double hyMaths;
public static double hyIP;
public static double hyPE;
public static double hyEcon;

public static String grNumber;
public static String classSection;
public static int rollNumber;
public static int academicValue1;
public static int academicValue2;
public static int attendanceValue1;
public static int attendanceValue2;
public static int promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

    rollNumber = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    //util_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
        "root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name
        String query1 = "select * from util_class12comm where roll_No = " + rollNumber + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double acc = rs.getDouble("accountancy");
            double bst = rs.getDouble("bst");
            double maths = rs.getDouble("Mathematics");
            double ip = rs.getDouble("ip");
            double pe = rs.getDouble("pe");
            double econ = rs.getDouble("economics");

            name.setText(nameVal);
        }
    }
}

```

```
        grNum.setText(" " + grNumber);
        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(acc, 1, 1);
        modelA.setValueAt(bst, 2, 1);
        modelA.setValueAt(maths, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);
        modelA.setValueAt(econ, 6, 1);

    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//ut2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from ut2_class12comm where roll_No = " + rollNumber + " ; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double acc = rs2.getDouble("accountancy");
        double bst = rs2.getDouble("bst");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");
        double econ = rs2.getDouble("economics");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(acc, 1, 2);
        modelA.setValueAt(bst, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
        modelA.setValueAt(econ, 6, 2);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
```

```

//hy170_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from hy170_class12comm where roll_No = " + rollNumber + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double acc = rs3.getDouble("accountancy");
        double bst = rs3.getDouble("bst");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");
        double econ = rs3.getDouble("economics");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(acc, 1, 3);
        modelA.setValueAt(bst, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
        modelA.setValueAt(econ, 6, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical11_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from practical11_class12comm where roll_No = " + rollNumber + "; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double english = rs4.getDouble("english");
        double acc = rs4.getDouble("accountancy");
        double bst = rs4.getDouble("bst");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");
    }
}

```

```

        double econ = rs4.getDouble("economics");

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(acc, 1, 4);
        modelA.setValueAt(bst, 2, 4);
        modelA.setValueAt(maths, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
        modelA.setValueAt(econ, 6, 4);
    }

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
double marksAccount = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
double marksBST = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);
double marksEcon = (double) modelA.getValueAt(6,3) + (double) modelA.getValueAt(6,4);

modelA.setValueAt(marksEnglish, 0, 5);
modelA.setValueAt(marksAccount, 1, 5);
modelA.setValueAt(marksBST, 2, 5);
modelA.setValueAt(marksMathematics, 3, 5);
modelA.setValueAt(marksIP, 4, 5);
modelA.setValueAt(marksPE, 5, 5);
modelA.setValueAt(marksEcon, 6, 5);

double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5) + (double) modelA.getValueAt(6,5);
double percentage1 = totalMarks1 / 500 * 100;

resultOutOf5001.setText(" " + totalMarks1);
resultPercentage1.setText(" " + percentage1 + " %");

//miscell_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from miscell_class12comm where roll_No = " + rollNumber + "; ";

    ResultSet rs5 = stmt.executeQuery(query3);

    while(rs5.next())
    {
        String nameVal = rs5.getString("name");
        String nameTea = rs5.getString("nameTeach");
        int attl = rs5.getInt("attend1");
    }
}

```

```
        int att2 = rs5.getInt("attend2");
        int acad1 = rs5.getInt("acad1");
        int acad2 = rs5.getInt("acad2");
        int proClass = rs5.getInt("promoteClass");

        name.setText(nameVal);
        nameTeacher.setText(nameTea);
        attendance1.setText(" " + att1);
        attendance2.setText(" " + att2);
        academic1.setText(" " + acad1);
        academic2.setText(" " + acad2);
        promotedToClass.setText(" " + proClass);

    }

    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
```

Calculate:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();  
    // DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();  
  
    boolean allow1Term1 = false;  
    boolean allow2Term1 = false;  
    boolean allow3Term1 = false;  
    boolean allow4Term1 = false;  
  
    //Show pop-up dialog restricting the data values- Term 1  
    for (int i = 0; i <= 6; i++)  
    {  
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)  
        {  
            allow1Term1 = true;  
        }  
        else  
        {  
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.  
Re-enter Data Value");  
            allow1Term1 = false;  
            break;  
        }  
    }  
  
    for (int i = 0; i <= 6; i++)  
    {  
        if ((double) modelA.getValueAt(i,2) <= 40 && (double) modelA.getValueAt(i,2) >= 0)  
        {  
            allow2Term1 = true;  
        }  
        else  
        {  
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.  
Re-enter Data Value");  
            allow2Term1 = false;  
            break;  
        }  
    }  
  
    for (int i = 0; i <= 6; i++)  
    {  
        if ((double) modelA.getValueAt(i,3) <= 40 && (double) modelA.getValueAt(i,3) >= 0)  
        {  
            allow3Term1 = true;  
        }  
        else  
        {  
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.  
Re-enter Data Value");  
            allow3Term1 = false;  
            break;  
        }  
    }  
  
    for (int i = 0; i <= 6; i++)  
    {  
        if ((double) modelA.getValueAt(i,4) <= 40 && (double) modelA.getValueAt(i,4) >= 0)  
        {  
            allow4Term1 = true;  
        }  
        else  
        {  
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.  
Re-enter Data Value");  
            allow4Term1 = false;  
            break;  
        }  
    }  
}  
}
```

```

        allow2Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i, 3) <= 70 && (double) modelA.getValueAt(i, 3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i, 4) <= 30 && (double) modelA.getValueAt(i, 4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0, 3) + (double) modelA.getValueAt(0, 4);
    double marksAccount = (double) modelA.getValueAt(1, 3) + (double) modelA.getValueAt(1, 4);
    double marksBST = (double) modelA.getValueAt(2, 3) + (double) modelA.getValueAt(2, 4);
    double marksMathematics = (double) modelA.getValueAt(3, 3) + (double) modelA.getValueAt(3, 4);
    double marksIP = (double) modelA.getValueAt(4, 3) + (double) modelA.getValueAt(4, 4);
    double marksPE = (double) modelA.getValueAt(5, 3) + (double) modelA.getValueAt(5, 4);
    double marksEcon = (double) modelA.getValueAt(6, 3) + (double) modelA.getValueAt(6, 4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksAccount, 1, 5);
    modelA.setValueAt(marksBST, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
}

```

```

        modelA.setValueAt(marksPE, 5, 5);
        modelA.setValueAt(marksEcon, 6, 5);

        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
        (double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
        (double) modelA.getValueAt(5,5) + (double) modelA.getValueAt(6,5);
        double percentage1 = totalMarks1 / 500 * 100;

        resultOutOf5001.setText(" " + totalMarks1);
        resultPercentage1.setText(" " + percentage1 + " %");

    }
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modell = (DefaultTableModel) tableA.getModel();
    rollNumber = Integer.parseInt(rollNo.getText());

    try{
        Class.forName("java.sql.Driver");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String updateutleng = "update utl_class12comm set English = " + modell.getValueAt(0,1) + "
where roll_No = " + rollNumber + "; ";
        String updateutlacc = "update utl_class12comm set Accountancy = " + modell.getValueAt(1,1) +
" where roll_No = " + rollNumber + "; ";
        String updateutlbst = "update utl_class12comm set bst = " + modell.getValueAt(2,1) + " where
roll_No = " + rollNumber + "; ";
        String updateutimaths = "update utl_class12comm set Mathematics = " + modell.getValueAt(3,1)
+ " where roll_No = " + rollNumber + "; ";
        String updateutlip = "update utl_class12comm set IP = " + modell.getValueAt(4,1) + " where
roll_No = " + rollNumber + "; ";
        String updateutlpe = "update utl_class12comm set PE = " + modell.getValueAt(5,1) + " where
roll_No = " + rollNumber + "; ";
        String updateutlecon = "update utl_class12comm set economics = " + modell.getValueAt(6,1) +
" where roll_No = " + rollNumber + "; ";

        String updateut2eng = "update ut2_class12comm set English = " + modell.getValueAt(0,2) + "
where roll_No = " + rollNumber + "; ";
        String updateut2acc = "update ut2_class12comm set accountancy = " + modell.getValueAt(1,2)
+ " where roll_No = " + rollNumber + "; ";
        String updateut2bst = "update ut2_class12comm set bst = " + modell.getValueAt(2,2) + " where
roll_No = " + rollNumber + "; ";
        String updateut2maths = "update ut2_class12comm set Mathematics = " + modell.getValueAt(3,2)
+ " where roll_No = " + rollNumber + "; ";
        String updateut2ip = "update ut2_class12comm set IP = " + modell.getValueAt(4,2) + " where
roll_No = " + rollNumber + "; ";
        String updateut2pe = "update ut2_class12comm set PE = " + modell.getValueAt(5,2) + " where
roll_No = " + rollNumber + "; ";
        String updateut2econ = "update ut2_class12comm set economics = " + modell.getValueAt(6,2) +
" where roll_No = " + rollNumber + "; ";
    }
}

```

```

String updatehalfyearlyeng = "update hy170_class12comm set English = " +
model1.getValueAt(0,3) + " where roll_No = " + rollNumber + "; ";
String updatehalfyearlyacc = "update hy170_class12comm set accountancy = " +
model1.getValueAt(1,3) + " where roll_No = " + rollNumber + "; ";
String updatehalfyearlybst = "update hy170_class12comm set bst = " + model1.getValueAt(2,3)
+ " where roll_No = " + rollNumber + "; ";
String updatehalfyearlymaths = "update hy170_class12comm set Mathematics = " +
model1.getValueAt(3,3) + " where roll_No = " + rollNumber + "; ";
String updatehalfyearlyip = "update hy170_class12comm set IP = " + model1.getValueAt(4,3)
+ " where roll_No = " + rollNumber + "; ";
String updatehalfyearlype = "update hy170_class12comm set PE = " + model1.getValueAt(5,3)
+ " where roll_No = " + rollNumber + "; ";
String updatehalfyearlyecon = "update hy170_class12comm set economics = " +
model1.getValueAt(6,3) + " where roll_No = " + rollNumber + "; ";
+ model1.getValueAt(2,4) + " where roll_No = " + rollNumber + "; ";
String updatepracipe = "update practical1_class12comm set PE = " + model1.getValueAt(5,4) +
" where roll_No = " + rollNumber + "; ";
String updatepraclecon = "update practical1_class12comm set economics = " +
model1.getValueAt(6,4) + " where roll_No = " + rollNumber + "; ";

String updatemiscell = "update miscell_class12comm set name = '" + name.getText() + "' ,
nameTeach = '" + nameTeacher.getText() + "', attend1 =
+ attendance1.getText() + ", attend2 = " + attendance2.getText() + ", promoteClass = " +
promotedToClass.getText() + ", acad1 = " +
academic1.getText() + ", acad2 = " + academic2.getText() + " where roll_No = " + rollNumber
+ "; ";
stmt.executeUpdate(updatemiscell);

stmt.executeUpdate(updateut1eng);
stmt.executeUpdate(updateut1acc);
stmt.executeUpdate(updateut1bst);
stmt.executeUpdate(updateut1maths);
stmt.executeUpdate(updateut1ip);
stmt.executeUpdate(updateut1pe);
stmt.executeUpdate(updateut1econ);

stmt.executeUpdate(updateut2eng);
stmt.executeUpdate(updateut2acc);
stmt.executeUpdate(updateut2bst);
stmt.executeUpdate(updateut2maths);
stmt.executeUpdate(updateut2ip);
stmt.executeUpdate(updateut2pe);
stmt.executeUpdate(updateut2econ);

stmt.executeUpdate(updateprac1eng);
stmt.executeUpdate(updateprac1acc);
stmt.executeUpdate(updateprac1bst);
stmt.executeUpdate(updateprac1maths);
stmt.executeUpdate(updateprac1ip);
stmt.executeUpdate(updateprac1pe);
stmt.executeUpdate(updatepraclecon);

stmt.executeUpdate(updatehalfyearlyeng);
stmt.executeUpdate(updatehalfyearlyacc);
stmt.executeUpdate(updatehalfyearlybst);
stmt.executeUpdate(updatehalfyearlymaths);
stmt.executeUpdate(updatehalfyearlyip);
stmt.executeUpdate(updatehalfyearlype);

```

```

        stmt.executeUpdate(updatehalfyearlyecon);

        JOptionPane.showMessageDialog(null, "Data Successfully Updated");

        stmt.close();
        con.close();
    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}
}

```

Continue Form:

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    ut1TotalEnglish = (double) modelA.getValueAt(0,1);
    ut2TotalEnglish = (double) modelA.getValueAt(0,2);
    ut1TotalAccount = (double) modelA.getValueAt(1,1);
    ut2TotalAccount = (double) modelA.getValueAt(1,2);
    ut1TotalBST = (double) modelA.getValueAt(2,1);
    ut2TotalBST = (double) modelA.getValueAt(2,2);
    ut1TotalMath = (double) modelA.getValueAt(3,1);
    ut2TotalMath = (double) modelA.getValueAt(3,2);
    ut1TotalIP = (double) modelA.getValueAt(4,1);
    ut2TotalIP = (double) modelA.getValueAt(4,2);
    ut1TotalPE = (double) modelA.getValueAt(5,1);
    ut2TotalPE = (double) modelA.getValueAt(5,2);
    ut1TotalEcon = (double) modelA.getValueAt(6,1);
    ut2TotalEcon = (double) modelA.getValueAt(6,2);
    hyEnglish = (double) modelA.getValueAt(0,5);
    hyAccount = (double) modelA.getValueAt(1,5);
    hyBST = (double) modelA.getValueAt(2,5);
    hyMaths = (double) modelA.getValueAt(3,5);
    hyIP = (double) modelA.getValueAt(4,5);
    hyPE = (double) modelA.getValueAt(5,5);
    hyEcon = (double) modelA.getValueAt(6,5);
    grNumber = grNum.getText();
    classSection = class_Sect.getText();
    rollNumber = Integer.parseInt(rollNo.getText());
    nameValue = name.getText();

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
    {
        this.dispose();
        new Class12CommerceUpdateForm2().setVisible(true)
    }
}
}

```

Class 12 Commerce Update Form 2

Get Original Results

Update Form Continued

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English-Core				
Accountancy				
B St.				
Mathematics/Biology	0			
Information Practices	0			
Physical Education	0			
Economics				

Calculate

Pre-Board I %

Pre-Board II %

Pre-Board III %

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Discipline	

Execute

Enter Next Student

Return to Main Menu

Need To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Get Original Results:

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    int roll = Class12CommerceUpdateForm.rollNumber;
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();
```

```

//ut3_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

    String query1 = "select * from ut3_class12comm where roll_No = " + roll + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        // JOptionPane.showMessageDialog(null, "Test");
        int grNumber = rs.getInt("grno");
        String nameVal = rs.getString("name");
        double english = rs.getDouble("english");
        double acc = rs.getDouble("accountancy");
        double bst = rs.getDouble("bst");
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");
        double econ = rs.getDouble("economics");

        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(acc, 1, 1);
        modelA.setValueAt(bst, 2, 1);
        modelA.setValueAt(maths, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);
        modelA.setValueAt(econ, 6, 1);
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//hy270_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from preboard_i_class12comm where roll_No = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
}

```

```

    {
        double english = rs2.getDouble("english");
        double acc = rs2.getDouble("accountancy");
        double bst = rs2.getDouble("bst");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");
        double econ = rs2.getDouble("economics");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(acc, 1, 2);
        modelA.setValueAt(bst, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
        modelA.setValueAt(econ, 6, 2);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from preboard_iiclass12comm where roll_No = " + roll + "; ";
    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double acc = rs3.getDouble("accountancy");
        double bst = rs3.getDouble("bst");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");
        double econ = rs3.getDouble("economics");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(acc, 1, 3);
        modelA.setValueAt(bst, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
        modelA.setValueAt(econ, 6, 3);
    }

    rs3.close();
}

```

```

        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query3 = "select * from preboard_iii_class12comm where roll_No = " + roll + "; ";

        ResultSet rs5 = stmt.executeQuery(query3);

        while(rs5.next())
        {
            double english = rs5.getDouble("english");
            double acc = rs5.getDouble("accountancy");
            double bst = rs5.getDouble("bst");
            double maths = rs5.getDouble("Mathematics");
            double ip = rs5.getDouble("ip");
            double pe = rs5.getDouble("pe");
            double econ = rs5.getDouble("economics");

            modelA.setValueAt(english, 0, 4);
            modelA.setValueAt(acc, 1, 4);
            modelA.setValueAt(bst, 2, 4);
            modelA.setValueAt(maths, 3, 4);
            modelA.setValueAt(ip, 4, 4);
            modelA.setValueAt(pe, 5, 4);
            modelA.setValueAt(econ, 6, 4);
        }
        rs5.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query2 = "select * from coAreas_class12comm where roll_No = " + roll + "; ";

        ResultSet rs4 = stmt.executeQuery(query2);

        while(rs4.next())
        {
            String work = rs4.getString("workExp");
        }
    }
}

```

```

        String env = rs4.getString("enviornment");
        String att1 = rs4.getString("attend1");
        String att2 = rs4.getString("attend2");

        modelC.setValueAt(work, 0, 1);
        modelC.setValueAt(env, 1, 1);
        modelC.setValueAt(att1, 2, 1);
        modelC.setValueAt(att2, 3, 1);

    }

    rs4.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

double pb1 = (double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) + (double)
modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2) + (double)
modelA.getValueAt(5,2);
double pb2 = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) + (double)
modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3) + (double)
modelA.getValueAt(5,3);
double pb3 = (double) modelA.getValueAt(0,4) + (double) modelA.getValueAt(1,4) + (double)
modelA.getValueAt(2,4) + (double) modelA.getValueAt(3,4) + (double) modelA.getValueAt(4,4) + (double)
modelA.getValueAt(5,4);

double pb1Per = pb1 / 5;
double pb2Per = pb2 / 5;
double pb3Per = pb3 / 5;

pb1Percent.setText(" " + pb1Per);
pb2Percent.setText(" " + pb2Per);
pb3Percent.setText(" " + pb3Per);
}

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 6; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }
    }
}

```

```
        else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow1Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 100 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 100 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 6; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 100 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true)
```

```

        double pb1 = (double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) + (double)
modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2) + (double)
modelA.getValueAt(5,2);
        double pb2 = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) + (double)
modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3) + (double)
modelA.getValueAt(5,3);
        double pb3 = (double) modelA.getValueAt(0,4) + (double) modelA.getValueAt(1,4) + (double)
modelA.getValueAt(2,4) + (double) modelA.getValueAt(3,4) + (double) modelA.getValueAt(4,4) + (double)
modelA.getValueAt(5,4);

        double pb1Per = pb1 / 5;
        double pb2Per = pb2 / 5;
        double pb3Per = pb3 / 5;

pb1Percent.setText(" " + pb1Per);
pb2Percent.setText(" " + pb2Per);
pb3Percent.setText(" " + pb3Per);

    }
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model2 =(DefaultTableModel) tableB.getModel();
    DefaultTableModel model3 =(DefaultTableModel) tableC.getModel();

    int rollNumber = Class12CommerceUpdateForm.rollNumber;

    try{
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String updateut3eng = "update ut3_class12comm set English = " + model2.getValueAt(0,1) +
where roll_No = " + rollNumber + "; ";
        String updateut3acc = "update ut3_class12comm set accountancy = " + model2.getValueAt(1,1)
+ " where roll_No = " + rollNumber + "; ";
        String updateut3bst = "update ut3_class12comm set bst = " + model2.getValueAt(2,1) +
where roll_No = " + rollNumber + "; ";
        String updateut3maths = "update ut3_class12comm set Mathematics = " + model2.getValueAt(3,1)
+ " where roll_No = " + rollNumber + "; ";
        String updateut3ip = "update ut3_class12comm set IP = " + model2.getValueAt(4,1) + " where
roll_No = " + rollNumber + "; ";
        String updateut3pe = "update ut3_class12comm set PE = " + model2.getValueAt(5,1) + " where
roll_No = " + rollNumber + "; ";
        String updateut3econ = "update ut3_class12comm set economics = " + model2.getValueAt(6,1) +
" where roll_No = " + rollNumber + "; ";

        String pb1eng = "update preboard_i_class12comm set English = " + model2.getValueAt(0,2) + "
where roll_No = " + rollNumber + "; ";
        String pb1acc = "update preboard_i_class12comm set accountancy = " + model2.getValueAt(1,2)
+ " where roll_No = " + rollNumber + "; ";
        String pb1bst = "update preboard_i_class12comm set bst = " + model2.getValueAt(2,2) + "
where roll_No = " + rollNumber + "; ";

```

```

String pb1maths = "update preboard_i_class12comm set Mathematics = " + model2.getValueAt(3,2) + " where roll_No = " + rollNumber + "; ";
String pb1ip = "update preboard_i_class12comm set IP = " + model2.getValueAt(4,2) + " where roll_No = " + rollNumber + "; ";
String pb1pe = "update preboard_i_class12comm set PE = " + model2.getValueAt(5,2) + " where roll_No = " + rollNumber + "; ";
String pb1econ = "update preboard_i_class12comm set economics = " + model2.getValueAt(6,2) + " where roll_No = " + rollNumber + "; ";

String pb2eng = "update preboard_ii_class12comm set English = " + model2.getValueAt(0,3) + " where roll_No = " + rollNumber + "; ";
String pb2acc = "update preboard_ii_class12comm set accountancy = " + model2.getValueAt(1,3) + " where roll_No = " + rollNumber + "; ";
String pb2bst = "update preboard_ii_class12comm set bst = " + model2.getValueAt(2,3) + " where roll_No = " + rollNumber + "; ";
String pb2maths = "update preboard_ii_class12comm set Mathematics = " + model2.getValueAt(3,3) + " where roll_No = " + rollNumber + "; ";
String pb2ip = "update preboard_ii_class12comm set IP = " + model2.getValueAt(4,3) + " where roll_No = " + rollNumber + "; ";
String pb2pe = "update preboard_ii_class12comm set PE = " + model2.getValueAt(5,3) + " where roll_No = " + rollNumber + "; ";
String pb2econ = "update preboard_ii_class12comm set economics = " + model2.getValueAt(6,3) + " where roll_No = " + rollNumber + "; ";

String pb3eng = "update preboard_iii_class12comm set English = " + model2.getValueAt(0,4) + " where roll_No = " + rollNumber + "; ";
String pb3acc = "update preboard_iii_class12comm set accountancy = " + model2.getValueAt(1,4) + " where roll_No = " + rollNumber + "; ";
String pb3bst = "update preboard_iii_class12comm set bst = " + model2.getValueAt(2,2) + " where roll_No = " + rollNumber + "; ";
String pb3maths = "update preboard_iii_class12comm set Mathematics = " + model2.getValueAt(3,4) + " where roll_No = " + rollNumber + "; ";
String pb3ip = "update preboard_iii_class12comm set IP = " + model2.getValueAt(4,4) + " where roll_No = " + rollNumber + "; ";
String pb3pe = "update preboard_iii_class12comm set PE = " + model2.getValueAt(5,4) + " where roll_No = " + rollNumber + "; ";
String pb3econ = "update preboard_iii_class12comm set economics = " + model2.getValueAt(6,4) + " where roll_No = " + rollNumber + "; ";

String updatecoAreas = "update coAreas_class12comm set workExp = '" + model3.getValueAt(0,1) + "' , enviornment = '" + model3.getValueAt(1,1) + "' , attend1 = '" + model3.getValueAt(2,1) + "' , attend2 = '" + model3.getValueAt(3,1) + "' where roll_No = " + rollNumber + "; ";

stmt.executeUpdate(updatecoAreas);

stmt.executeUpdate(updateut3eng);
stmt.executeUpdate(updateut3acc);
stmt.executeUpdate(updateut3bst);
stmt.executeUpdate(updateut3maths);
stmt.executeUpdate(updateut3ip);
stmt.executeUpdate(updateut3pe);
stmt.executeUpdate(updateut3econ);

stmt.executeUpdate(pb3eng);
stmt.executeUpdate(pb3acc);
stmt.executeUpdate(pb3bst);
stmt.executeUpdate(pb3maths);

```

```
stmt.executeUpdate(pb3ip);
stmt.executeUpdate(pb3pe);
stmt.executeUpdate(pb3econ);

stmt.executeUpdate(pb2eng);
stmt.executeUpdate(pb2acc);
stmt.executeUpdate(pb2bst);
stmt.executeUpdate(pb2maths);
stmt.executeUpdate(pb2ip);
stmt.executeUpdate(pb2pe);
stmt.executeUpdate(pb2econ);

stmt.executeUpdate(pbleng);
stmt.executeUpdate(pblacc);
stmt.executeUpdate(pblbst);
stmt.executeUpdate(pblmaths);
stmt.executeUpdate(pblip);
stmt.executeUpdate(pblpe);
stmt.executeUpdate(pblecon);

JOptionPane.showMessageDialog(null, "Data Successfully Updated");

stmt.close();
con.close();
}

catch(Exception e)
{
    JOptionPane.showMessageDialog(null, e);
}
}
```

Enter Next Student:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new Class12CommerceUpdateForm().setVisible(true); // TODO add your handling code here:
}
```

Return to Main Menu:

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

Class 12 Commerce Print Form

Class 12 Commerce Print Form

[Back](#)
Section: **Commerce**Class: **12**Roll Number:

G.R. Number: Name:

Attendance:

 Days / Days
Promoted to Class (enter Number):

Academic Session:

20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (30)	HY Total (100)
English Core					
Accountancy					
B St					
Mathematics					
Information Pract...	0	0	0	0	
Physical Education	0	0	0	0	
Economics					

Total (out of 500):

Percentage (Half Yearly):

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English-Core				
Physics				
Chemistry				
Mathematics/Biology				
Information Practices	0	0	0	0
Physical Education	0	0	0	0
Economics				

Pre-Board I %

Pre-Board II %

Pre-Board III %

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Attendance T-2	

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class12CommercePrintForm extends javax.swing.JFrame {
    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalAccount;
    public static double ut2TotalAccount;
    public static double ut1TotalBST;
    public static double ut2TotalBST;
    public static double ut1TotalMath;
    public static double ut2TotalMath;
    public static double ut1TotalIP;
}

```

```

public static double ut2TotalIP;
public static double ut1TotalPE;
public static double ut2TotalPE;
public static double ut1TotalEcon;
public static double ut2TotalEcon;

public static double hyEnglish;
public static double hyAccount;
public static double hyBST;
public static double hyMaths;
public static double hyIP;
public static double hyPE;
public static double hyEcon;

public static String grNumber;
public static String classSection;
public static int rollNumber;
public static int academicValue1;
public static int academicValue2;
public static int attendanceValue1;
public static int attendanceValue2;
public static int promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    rollNumber = Integer.parseInt(rollNo.getText());

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();

    //utl_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name

        String query1 = "select * from utl_class12comm where roll_No = " + rollNumber + "; ";

        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double acc = rs.getDouble("accountancy");

```

```
        double bst = rs.getDouble("bst");
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");
        double econ = rs.getDouble("economics");

        name.setText(nameVal);
        grNum.setText(" " + grNumber);
        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(acc, 1, 1);
        modelA.setValueAt(bst, 2, 1);
        modelA.setValueAt(maths, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);
        modelA.setValueAt(econ, 6, 1);

    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//ut2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from ut2_class12comm where roll_No = " + rollNumber + "; ";
    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double acc = rs2.getDouble("accountancy");
        double bst = rs2.getDouble("bst");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");
        double econ = rs2.getDouble("economics");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(acc, 1, 2);
        modelA.setValueAt(bst, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
        modelA.setValueAt(econ, 6, 2);
    }

    rs2.close();
    stmt.close();
}
```

```

        con.close();

    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //hy170_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query3 = "select * from hy170_class12comm where roll_No = " + rollNumber + "; ";

        ResultSet rs3 = stmt.executeQuery(query3);

        while(rs3.next())
        {
            double english = rs3.getDouble("english");
            double acc = rs3.getDouble("accountancy");
            double bst = rs3.getDouble("bst");
            double maths = rs3.getDouble("Mathematics");
            double ip = rs3.getDouble("ip");
            double pe = rs3.getDouble("pe");
            double econ = rs3.getDouble("economics");

            modelA.setValueAt(english, 0, 3);
            modelA.setValueAt(acc, 1, 3);
            modelA.setValueAt(bst, 2, 3);
            modelA.setValueAt(maths, 3, 3);
            modelA.setValueAt(ip, 4, 3);
            modelA.setValueAt(pe, 5, 3);
            modelA.setValueAt(econ, 6, 3);
        }

        rs3.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //practical11_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query4 = "select * from practical11_class12comm where roll_No = " + rollNumber + "; ";

        ResultSet rs4 = stmt.executeQuery(query4);

        while(rs4.next())
    }

```

```

    {
        double english = rs4.getDouble("english");
        double acc = rs4.getDouble("accountancy");
        double bst = rs4.getDouble("bst");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");
        double econ = rs4.getDouble("economics");

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(acc, 1, 4);
        modelA.setValueAt(bst, 2, 4);
        modelA.setValueAt(maths, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
        modelA.setValueAt(econ, 6, 4);
    }

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from miscell_class12comm where roll_No = " + rollNumber + "; ";

    ResultSet rs5 = stmt.executeQuery(query3);

    while(rs5.next())
    {
        String nameVal = rs5.getString("name");
        String nameTea = rs5.getString("nameTeach");
        int att1 = rs5.getInt("attend1");
        int att2 = rs5.getInt("attend2");
        int acad1 = rs5.getInt("acad1");
        int acad2 = rs5.getInt("acad2");
        int proClass = rs5.getInt("promoteClass");

        name.setText(nameVal);
        nameTeacher.setText(nameTea);
        attendance1.setText("'" + att1);
        attendance2.setText("'" + att2);
        academic1.setText("'" + acad1);
        academic2.setText("'" + acad2);
        promotedToClass.setText("'" + proClass);
    }

    rs5.close();
    stmt.close();
}

```

```

        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }
    int roll = Integer.parseInt(rollNo.getText());
    DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    //ut3_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
        "root", "ankit");

        Statement stmt = con.createStatement();

        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

        String query1 = "select * from ut3_class12comm where roll_No = " + roll + "; ";
        ResultSet rs = stmt.executeQuery(query1);

        while(rs.next())
        {
            //JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double acc = rs.getDouble("accountancy");
            double bst = rs.getDouble("bst");
            double maths = rs.getDouble("Mathematics");
            double ip = rs.getDouble("ip");
            double pe = rs.getDouble("pe");
            double econ = rs.getDouble("economics");

            modelB.setValueAt(english, 0, 1);
            modelB.setValueAt(acc, 1, 1);
            modelB.setValueAt(bst, 2, 1);
            modelB.setValueAt(maths, 3, 1);
            modelB.setValueAt(ip, 4, 1);
            modelB.setValueAt(pe, 5, 1);
            modelB.setValueAt(econ, 6, 1);
        }

        rs.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //hy270_class11sci
    try {

```

```
Class.forName("java.sql.Driver");
Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

Statement stmt = con.createStatement();
String query2 = "select * from preboard_i_class12comm where roll_No = " + roll + "; ";

ResultSet rs2 = stmt.executeQuery(query2);

while(rs2.next())
{
    double english = rs2.getDouble("english");
    double acc = rs2.getDouble("accountancy");
    double bst = rs2.getDouble("bst");
    double maths = rs2.getDouble("Mathematics");
    double ip = rs2.getDouble("ip");
    double pe = rs2.getDouble("pe");
    double econ = rs2.getDouble("economics");

    modelB.setValueAt(english, 0, 2);
    modelB.setValueAt(acc, 1, 2);
    modelB.setValueAt(bst, 2, 2);
    modelB.setValueAt(maths, 3, 2);
    modelB.setValueAt(ip, 4, 2);
    modelB.setValueAt(pe, 5, 2);
    modelB.setValueAt(econ, 6, 2);
}

rs2.close();
stmt.close();
con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from preboard_i_i_class12comm where roll_No = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double acc = rs2.getDouble("accountancy");
        double bst = rs2.getDouble("bst");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");
        double econ = rs2.getDouble("economics");

        modelB.setValueAt(english, 0, 3);
    }
}
```

```

        modelBuilder.setValueAt(acc, 1, 3);
        modelBuilder.setValueAt(bst, 2, 3);
        modelBuilder.setValueAt(math, 3, 3);
        modelBuilder.setValueAt(ip, 4, 3);
        modelBuilder.setValueAt(pe, 5, 3);
        modelBuilder.setValueAt(econ, 6, 3);
    }

    rs2.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from preboard_iii_class12comm where roll_No = " + roll + "; ";
    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double acc = rs3.getDouble("accountancy");
        double bst = rs3.getDouble("bst");
        double math = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");
        double econ = rs3.getDouble("economics");

        modelBuilder.setValueAt(english, 0, 4);
        modelBuilder.setValueAt(acc, 1, 4);
        modelBuilder.setValueAt(bst, 2, 4);
        modelBuilder.setValueAt(math, 3, 4);
        modelBuilder.setValueAt(ip, 4, 4);
        modelBuilder.setValueAt(pe, 5, 4);
        modelBuilder.setValueAt(econ, 6, 4);
    }

    double pb1 = (double) modelBuilder.getValueAt(0,2) + (double) modelBuilder.getValueAt(1,2) + (double)
modelA.getValueAt(2,2) + (double) modelBuilder.getValueAt(3,2) + (double) modelBuilder.getValueAt(4,2) + (double)
modelA.getValueAt(5,2);
    double pb2 = (double) modelBuilder.getValueAt(0,3) + (double) modelBuilder.getValueAt(1,3) + (double)
modelA.getValueAt(2,3) + (double) modelBuilder.getValueAt(3,3) + (double) modelBuilder.getValueAt(4,3) + (double)
modelA.getValueAt(5,3);
    double pb3 = (double) modelBuilder.getValueAt(0,4) + (double) modelBuilder.getValueAt(1,4) + (double)
modelA.getValueAt(2,4) + (double) modelBuilder.getValueAt(3,4) + (double) modelBuilder.getValueAt(4,4) + (double)
modelA.getValueAt(5,4);

    double pb1Per = pb1 / 5;
}

```

```

        double pb2Per = pb2 / 5;
        double pb3Per = pb3 / 5;

        pb1Percent.setText("+" + pb1Per);
        pb2Percent.setText("+" + pb2Per);
        pb3Percent.setText("+" + pb3Per);

        rs3.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query2 = "select * from coAreas_class12comm where roll_No = " + roll + "; ";

        ResultSet rs4 = stmt.executeQuery(query2);

        while(rs4.next())
        {
            String work = rs4.getString("workExp");
            String env = rs4.getString("enviornment");
            String att1 = rs4.getString("attend1");
            String att2 = rs4.getString("attend2");

            modelC.setValueAt(work, 0, 1);
            modelC.setValueAt(env, 1, 1);
            modelC.setValueAt(att1, 2, 1);
            modelC.setValueAt(att2, 3, 1);
        }

        rs4.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling
}

```

Class 12 Science Result Form

Class 12 Science Result Form

[Back](#)
G.R. Number: Class: Roll Number: Section: Name:

Attendance:

 Days / Days
Promoted to Class (enter Number):

Academic Session:

20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (...)	HY Total (...)
English Core					
Physics					
Chemistry					
Mathematics					
Information Practices	0	0	0	0	0
Physical Education	0	0	0	0	0

Total (out of 500):

Percentage (Half Yearly):

Calculate

Execute

Continue Form

Need To Import/Global:

```

import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;

public class Class12ScienceResultForm extends javax.swing.JFrame {

    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalPhysics;
    public static double ut2TotalPhysics;
    public static double ut1TotalChemistry;
    public static double ut2TotalChemistry;
    public static double ut1TotalMath;
    public static double ut2TotalMath;
    public static double ut1TotalIP;
    public static double ut2TotalIP;
    public static double ut1TotalPE;
}

```

```

public static double ut2TotalPE;
public static double hyEnglish;
public static double hyPhysics;
public static double hyChemistry;
public static double hyMaths;
public static double hyIP;
public static double hyPE;

public static String grNumber;
public static String classSection;
public static int rollNumber;
public static int academicValue1;
public static int academicValue2;
public static int attendanceValue1;
public static int attendanceValue2;
public static int promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    // DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }
        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }

    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,2) <= 40 && (double) modelA.getValueAt(i,2) >= 0)
        {
            allow2Term1 = true;
        }
        else
        {

```

```

        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 70 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 30 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksPhysics = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksChemistry = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksPhysics, 1, 5);
    modelA.setValueAt(marksChemistry, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);

    double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
    double percentage1 = totalMarks1 / 500 * 100;
}

```

```

        resultOutOf5001.setText(" " + totalMarks1);
        resultPercentage1.setText(" " + percentage1 + " %");

        ut1TotalEnglish = (double) modelA.getValueAt(0,1);
        ut2TotalEnglish = (double) modelA.getValueAt(0,2);
        ut1TotalPhysics = (double) modelA.getValueAt(1,1);
        ut2TotalPhysics = (double) modelA.getValueAt(1,2);
        ut1TotalChemistry = (double) modelA.getValueAt(2,1);
        ut2TotalChemistry = (double) modelA.getValueAt(2,2);
        ut1TotalMath = (double) modelA.getValueAt(3,1);
        ut2TotalMath = (double) modelA.getValueAt(3,2);
        ut1TotalIP = (double) modelA.getValueAt(4,1);
        ut2TotalIP = (double) modelA.getValueAt(4,2);
        ut1TotalPE = (double) modelA.getValueAt(5,1);
        ut2TotalPE = (double) modelA.getValueAt(5,2);
        hyEnglish = (double) modelA.getValueAt(0,5);
        hyPhysics = (double) modelA.getValueAt(1,5);
        hyChemistry = (double) modelA.getValueAt(2,5);
        hyMaths = (double) modelA.getValueAt(3,5);
        hyIP = (double) modelA.getValueAt(4,5);
        hyPE = (double) modelA.getValueAt(5,5);

    }

    grNumber = grNum.getText();
    classSection = class_Sect.getText();
    rollNumber = Integer.parseInt(rollNo.getText());
    nameValue = name.getText();
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model1 = (DefaultTableModel) tableA.getModel();

    try{
        // JOptionPane.showMessageDialog(null, "Checkpoint-1");
        Class.forName("java.sql.Driver");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject", "root", "ankit");
        Statement stmt = (Statement) con.createStatement();

        String ut1 = "Insert into ut1_class12sci values" + "(" + grNum.getText() + " , " + " ' " +
name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " + rollNo.getText() +
" ' " + " , " + model1.getValueAt(0,1) + " , " + model1.getValueAt(1,1)
        + " , " + model1.getValueAt(2,1) + " , " + model1.getValueAt(3,1) + " , "
model1.getValueAt(4,1) + " , " + model1.getValueAt(5,1) + ");";

        String ut2 = "Insert into ut2_class12sci values" + "(" + grNum.getText() + " , " + " ' " +
name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " + rollNo.getText() +
" ' " + " , " + model1.getValueAt(0,2) + " , " + model1.getValueAt(1,2)
        + " , " + model1.getValueAt(2,2) + " , " + model1.getValueAt(3,2) + " , "
model1.getValueAt(4, 2) + " , " + model1.getValueAt(5,2) + ");";
    }
}

```

```

String halfyearly1 = "Insert into hy170_class12sci values" + "(" + grNum.getText() + " , " +
" " + name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " +
rollNo.getText() + " ' " + " , " + model1.getValueAt(0,3) + " , " + model1.getValueAt(1,3)
+ " , " + model1.getValueAt(2,3) + " , " + model1.getValueAt(3,3) + " , " +
model1.getValueAt(4, 3) + " , " + model1.getValueAt(5,3) + ");";

String prac1 = "Insert into practical1_class12sci values" + "(" + grNum.getText() + " , " +
" " + name.getText() + " ' " + " , " + " ' " + class_Sect.getText() + " ' "+ " , " + " ' " +
rollNo.getText() + " ' " + " , " + model1.getValueAt(0,4) + " , " + model1.getValueAt(1,4)
+ " , " + model1.getValueAt(2,4) + " , " + model1.getValueAt(3,4) + " , " +
model1.getValueAt(4, 4) + " , " + model1.getValueAt(5,4) + ");";

String miscell = "Insert into miscell_class12sci values" + "(" + " '" + name.getText() + "' "
+ " , " + " '" + nameTeacher.getText() + "' " + " , " + Integer.parseInt(attendance1.getText()) + " , " +
Integer.parseInt(attendance2.getText()) + " , "
+ Integer.parseInt(promotedToClass.getText()) + " , " + Integer.parseInt(academic1.getText())
+ " , " + Integer.parseInt(academic2.getText()) + " , " + rollNo.getText() + ");";
//String test = "Insert into test values" + "(" + " '" + name.getText() + "' " + " , " + " '" +
nameTeacher.getText() + "' ");;

//JOptionPane.showMessageDialog(null, "Checkpoint-2");

stmt.executeUpdate(miscell);
stmt.executeUpdate(ut1);
stmt.executeUpdate(ut2);
stmt.executeUpdate(prac1);
stmt.executeUpdate(halfyearly1);

stmt.close();
con.close();

JOptionPane.showMessageDialog(null, "Data Succesfully Entered- Term 1");
}

catch(Exception e)
{
    JOptionPane.showMessageDialog(null, e);
}
}

```

Continue Form:

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
    {
        this.dispose();
        new Class12ScienceResultForm2().setVisible(true);
    }
    //this.dispose();
    //new Class678ResultForm2().setVisible(true); // TODO add your handling code here:
}

```

Class 12 Science Result Form 2

Result Form Continued

Part A- Scholastic Areas (100 Marks)

Term 2				
Subject Name	UT-3 (40)	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English-Core				
Physics				
Chemistry				
Mathematics/Biology				
Information Practices	0	0	0	
Physical Education	0	0	0	

Calculate Pre-Board I % Pre-Board II % Pre-Board III %

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Attendance T-2	

Execute

Enter Next Student

Return to Main Menu

Need To Import/Global:

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.table.*;
```

Calculate:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 5; i++)
```

```
{  
    if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)  
    {  
        allow1Term1 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.  
Re-enter Data Value");  
        allow1Term1 = false;  
        break;  
    }  
}  
  
for (int i = 0; i <= 5; i++)  
{  
    if ((double) modelA.getValueAt(i,2) <= 100 && (double) modelA.getValueAt(i,2) >= 0)  
    {  
        allow2Term1 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is  
0. Re-enter Data Value");  
        allow2Term1 = false;  
        break;  
    }  
}  
  
for (int i = 0; i <= 5; i++)  
{  
    if ((double) modelA.getValueAt(i,3) <= 100 && (double) modelA.getValueAt(i,3) >= 0)  
    {  
        allow3Term1 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is  
0. Re-enter Data Value");  
        allow3Term1 = false;  
        break;  
    }  
}  
  
for (int i = 0; i <= 5; i++)  
{  
    if ((double) modelA.getValueAt(i,4) <= 100 && (double) modelA.getValueAt(i,4) >= 0)  
    {  
        allow4Term1 = true;  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is  
0. Re-enter Data Value");  
        allow4Term1 = false;  
    }  
}
```

```

        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double pb1 = (double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) + (double)
modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2) + (double)
modelA.getValueAt(5,2);
    double pb2 = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) + (double)
modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3) + (double)
modelA.getValueAt(5,3);
    double pb3 = (double) modelA.getValueAt(0,4) + (double) modelA.getValueAt(1,4) + (double)
modelA.getValueAt(2,4) + (double) modelA.getValueAt(3,4) + (double) modelA.getValueAt(4,4) + (double)
modelA.getValueAt(5,4);

    double pb1Per = pb1 / 5;
    double pb2Per = pb2 / 5;
    double pb3Per = pb3 / 5;

    pb1Percent.setText(" " + pb1Per);
    pb2Percent.setText(" " + pb2Per);
    pb3Percent.setText(" " + pb3Per);
}
}

```

Execute:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model2 = (DefaultTableModel) tableB.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();

    try{
        String gr = Class12ScienceResultForm.grNumber;
        String section = Class12ScienceResultForm.classSection;
        int rollNum = Class12ScienceResultForm.rollNumber;
        String name = Class12ScienceResultForm.nameValue;

        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String ut3 = "Insert into ut3_class12sci values" + "(" + gr + " , " + " ' " + name + " ' " +
" , " + " ' " + section + " ' " + " , " + " ' " + rollNum + " ' " + " , " + model2.getValueAt(0,1) + " , " +
+ model2.getValueAt(1,1)
        + " , " + model2.getValueAt(2,1) + " , " + model2.getValueAt(3,1) + " , " +
model2.getValueAt(4,1) + " , " + model2.getValueAt(5,1) + ");";

        String pb1 = "Insert into preboard_i_class12sci values(" + gr + " , " + name + " ' , " ' +
section + " , " + rollNum + " , " + model2.getValueAt(0,2) + " , " + model2.getValueAt(1,2) + " , " +
model2.getValueAt(2,2) + " , " + model2.getValueAt(3,2)
        + " , " + model2.getValueAt(4,2) + " , " + model2.getValueAt(5,2) + ");";
    }
}
```

```

        String pb2 = "Insert into preboard_ii_class12sci values(" + gr + ", '" + name + "' , '" +
section + "', '" + rollNum + "' , " + model2.getValueAt(0,3) + ", " + model2.getValueAt(1,3) + ", " +
model2.getValueAt(2,3) + ", " + model2.getValueAt(3,3)
        + ", " + model2.getValueAt(4,3) + ", " + model2.getValueAt(5,3) + ") ;";

        String pb3 = "Insert into preboard_iii_class12sci values(" + gr + ", '" + name + "' , '" +
section + "', '" + rollNum + "' , " + model2.getValueAt(0,4) + ", " + model2.getValueAt(1,4) + ", " +
model2.getValueAt(2,4) + ", " + model2.getValueAt(3,4)
        + ", " + model2.getValueAt(4,4) + ", " + model2.getValueAt(5,4) + ") ;";

        String coArea = "Insert into coAreas_class12sci values('" + modelC.getValueAt(0,1) + "' , '" +
+ modelC.getValueAt(1,1) + "' , '" + modelC.getValueAt(2,1) + "' , '" + modelC.getValueAt(3,1) + "' ,
rollNum + ") ;";
        stmt.executeUpdate(coArea);

        stmt.executeUpdate(ut3);
        stmt.executeUpdate(pb1);
        stmt.executeUpdate(pb2);
        stmt.executeUpdate(pb3);

        JOptionPane.showMessageDialog(null, "Data Succesfully Entered- Term 2");

        stmt.close();
        con.close();
    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null,e);
    }

```

Enter New Student:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new Class12ScienceResultForm().setVisible(true); // TODO add your handling code here:
}

```

Return To Main Menu:

```

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 12 Science Update Form

Class 12 Science Update Form

[Back](#)
Section: **Science**Class: **12**Roll Number:

G.R. Number: Name:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / Days
 Promoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (30)	HY Total (100)
English ...					
Physics					
Chemistry					
Mathem...					
Informat...	0	0	0	0	0
Physical...	0	0	0	0	0

Total (out of 500): Percentage (Half Yearly):

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class12ScienceUpdateForm extends javax.swing.JFrame {
    public static int rollNumber;

    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalPhysics;
    public static double ut2TotalPhysics;
    public static double ut1TotalChemistry;
    public static double ut2TotalChemistry;
    public static double ut1TotalMath;
  
```

```

public static double ut2TotalMath;
public static double ut1TotalIP;
public static double ut2TotalIP;
public static double ut1TotalPE;
public static double ut2TotalPE;
public static double hyEnglish;
public static double hyPhysics;
public static double hyChemistry;
public static double hyMaths;
public static double hyIP;
public static double hyPE;

```



```

public static String grNumber;
public static String classSection;
public static String academicValue1;
public static String academicValue2;
public static String attendanceValue1;
public static String attendanceValue2;
public static String promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    rollNumber = Integer.parseInt(rollNo.getText());
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    //ut1_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/ippproject",
        "root", "ankit");
        Statement stmt = con.createStatement();
        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name
        String query1 = "select * from ut1_class12sci where roll_No = " + rollNumber + ";";
        ResultSet rs = stmt.executeQuery(query1);
        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double physics = rs.getDouble("physics");
            double chemistry = rs.getDouble("chemistry");
            double maths = rs.getDouble("Mathematics");
            double ip = rs.getDouble("ip");
            double pe = rs.getDouble("pe");

```

```
name.setText(nameVal);
grNum.setText(" " + grNumber);
modelA.setValueAt(english, 0, 1);
modelA.setValueAt(physics, 1, 1);
modelA.setValueAt(chemistry, 2, 1);
modelA.setValueAt(maths, 3, 1);
modelA.setValueAt(ip, 4, 1);
modelA.setValueAt(pe, 5, 1);

}

rs.close();
stmt.close();
con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//ut2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from ut2_class12sci where roll_No = " + rollNumber + " ; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double physics = rs2.getDouble("physics");
        double chemistry = rs2.getDouble("chemistry");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(physics, 1, 2);
        modelA.setValueAt(chemistry, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
```

```

//hy170_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from hy170_class12sci where roll_No = " + rollNumber + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double physics = rs3.getDouble("physics");
        double chemistry = rs3.getDouble("chemistry");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(physics, 1, 3);
        modelA.setValueAt(chemistry, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical1_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from practical1_class12sci where roll_No = " + rollNumber + "; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double english = rs4.getDouble("english");
        double physics = rs4.getDouble("physics");
        double chemistry = rs4.getDouble("chemistry");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(physics, 1, 4);
    }
}

```

```

        modelA.setValueAt(chemistry, 2, 4);
        modelA.setValueAt(math, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
    }

    double marksEnglish = (double) modelA.getValueAt(0, 3) + (double) modelA.getValueAt(0, 4);
    double marksPhysics = (double) modelA.getValueAt(1, 3) + (double) modelA.getValueAt(1, 4);
    double marksChemistry = (double) modelA.getValueAt(2, 3) + (double) modelA.getValueAt(2, 4);
    double marksMathematics = (double) modelA.getValueAt(3, 3) + (double) modelA.getValueAt(3, 4);
    double marksIP = (double) modelA.getValueAt(4, 3) + (double) modelA.getValueAt(4, 4);
    double marksPE = (double) modelA.getValueAt(5, 3) + (double) modelA.getValueAt(5, 4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksPhysics, 1, 5);
    modelA.setValueAt(marksChemistry, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);

    double totalMarks1 = (double) modelA.getValueAt(0, 5) + (double) modelA.getValueAt(1, 5) +
(double) modelA.getValueAt(2, 5) + (double) modelA.getValueAt(3, 5) + (double) modelA.getValueAt(4, 5) +
(double) modelA.getValueAt(5, 5);
    double percentage1 = totalMarks1 / 500 * 100;

    resultOutOf5001.setText(" " + totalMarks1);
    resultPercentage1.setText(" " + percentage1 + " %");

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//miscell_class1sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from miscell_class1sci where roll_No = " + rollNumber + "; ";
    ResultSet rs5 = stmt.executeQuery(query3);

    while(rs5.next())
    {
        String nameVal = rs5.getString("name");
        String nameTea = rs5.getString("nameTeach");
        int att1 = rs5.getInt("attend1");
        int att2 = rs5.getInt("attend2");
        int acad1 = rs5.getInt("acad1");
        int acad2 = rs5.getInt("acad2");
        int proClass = rs5.getInt("promoteClass");

        name.setText(nameVal);
    }
}

```

```
        nameTeacher.setText(nameTea);
        attendance1.setText("'" + att1);
        attendance2.setText("'" + att2);
        academic1.setText("'" + acad1);
        academic2.setText("'" + acad2);
        promotedToClass.setText("'" + proClass);

    }

    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
}
```

Calculate:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();  
    // DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();  
  
    boolean allow1Term1 = false;  
    boolean allow2Term1 = false;  
    boolean allow3Term1 = false;  
    boolean allow4Term1 = false;  
  
    //Show pop-up dialog restricting the data values- Term 1  
    for (int i = 0; i <= 5; i++)  
    {  
        if ((double) modelA.getValueAt(i, 1) <= 40 && (double) modelA.getValueAt(i, 1) >= 0)  
        {  
            allow1Term1 = true;  
        }  
  
        else  
        {  
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.  
Re-enter Data Value");  
            allow1Term1 = false;  
            break;  
        }  
    }  
  
    for (int i = 0; i <= 5; i++)  
    {  
        if ((double) modelA.getValueAt(i, 2) <= 40 && (double) modelA.getValueAt(i, 2) >= 0)  
        {  
            allow2Term1 = true;  
        }  
    }  
}
```

```
        else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 70 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 70 and Min value allowed is 0.
Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 30 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 30 and Min value allowed is 0.
Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksPhysics = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksChemistry = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksPhysics, 1, 5);
    modelA.setValueAt(marksChemistry, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);
}
```

```

        double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
        double percentage1 = totalMarks1 / 500 * 100;

        resultOutOf5001.setText(" " + totalMarks1);
        resultPercentage1.setText(" " + percentage1 + " %");
    }
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model1 = (DefaultTableModel) tableA.getModel();
    rollNumber = Integer.parseInt(rollNo.getText());

    try{
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String updateutleng = "update utl_class12sci set English = " + model1.getValueAt(0,1) + "
where roll_No = " + rollNumber + "; ";
        String updateutlphy = "update utl_class12sci set Physics = " + model1.getValueAt(1,1) + "
where roll_No = " + rollNumber + "; ";
        String updateutlchem = "update utl_class12sci set Chemistry = " + model1.getValueAt(2,1) + "
where roll_No = " + rollNumber + "; ";
        String updateutlmaths = "update utl_class12sci set Mathematics = " + model1.getValueAt(3,1)
+ " where roll_No = " + rollNumber + "; ";
        String updateutlip = "update utl_class12sci set IP = " + model1.getValueAt(4,1) + " where
roll_No = " + rollNumber + "; ";
        String updateutipe = "update utl_class12sci set PE = " + model1.getValueAt(5,1) + " where
roll_No = " + rollNumber + "; ";

        String updateut2eng = "update ut2_class12sci set English = " + model1.getValueAt(0,2) + "
where roll_No = " + rollNumber + "; ";
        String updateut2phy = "update ut2_class12sci set Physics = " + model1.getValueAt(1,2) + "
where roll_No = " + rollNumber + "; ";
        String updateut2chem = "update ut2_class12sci set Chemistry = " + model1.getValueAt(2,2) + "
where roll_No = " + rollNumber + "; ";
        String updateut2maths = "update ut2_class12sci set Mathematics = " + model1.getValueAt(3,2)
+ " where roll_No = " + rollNumber + "; ";
        String updateut2ip = "update ut2_class12sci set IP = " + model1.getValueAt(4,2) + " where
roll_No = " + rollNumber + "; ";
        String updateut2pe = "update ut2_class12sci set PE = " + model1.getValueAt(5,2) + " where
roll_No = " + rollNumber + "; ";

        String updatehalfyearlyleng = "update hy170_class12sci set English = " +
model1.getValueAt(0,3) + " where roll_No = " + rollNumber + "; ";
        String updatehalfyearlylphy = "update hy170_class12sci set Physics = " +
model1.getValueAt(1,3) + " where roll_No = " + rollNumber + "; ";
        String updatehalfyearlylchem = "update hy170_class12sci set Chemistry = " +
model1.getValueAt(2,3) + " where roll_No = " + rollNumber + "; ";
        String updatehalfyearlylmaths = "update hy170_class12sci set Mathematics = " +
model1.getValueAt(3,3) + " where roll_No = " + rollNumber + "; ";
    }
}

```

```

String updatehalfyearlyip = "update hy170_class12sci set IP = " + model1.getValueAt(4,3) +
" where roll_No = " + rollNumber + "; ";
String updatehalfyearlype = "update hy170_class12sci set PE = " + model1.getValueAt(5,3) +
" where roll_No = " + rollNumber + "; ";

String updateprac1eng = "update practical1_class12sci set English = " +
model1.getValueAt(0,4) + " where roll_No = " + rollNumber + "; ";
String updateprac1phy = "update practical1_class12sci set Physics = " +
model1.getValueAt(1,4) + " where roll_No = " + rollNumber + "; ";
String updateprac1chem = "update practical1_class12sci set Chemistry = " +
model1.getValueAt(2,4) + " where roll_No = " + rollNumber + "; ";
String updateprac1maths = "update practical1_class12sci set Mathematics = " +
model1.getValueAt(3,4) + " where roll_No = " + rollNumber + "; ";
String updateprac1ip = "update practical1_class12sci set IP = " + model1.getValueAt(4,4) + " "
where roll_No = " + rollNumber + "; ";
String updateprac1pe = "update practical1_class12sci set PE = " + model1.getValueAt(5,4) + " "
where roll_No = " + rollNumber + "; ";

String updatemiscell = "update miscell_class12sci set name = '" + name.getText() + "' ,
nameTeach = '" + nameTeacher.getText() + "', attend1 =
+ attendance1.getText() + ", attend2 = " + attendance2.getText() + ", promoteClass = " +
promotedToClass.getText() + ", acad1 = " +
academic1.getText() + ", acad2 = " + academic2.getText() + " where roll_No = " + rollNumber
+ "; ";

stmt.executeUpdate(updatemiscell);

stmt.executeUpdate(updateut1eng);
stmt.executeUpdate(updateut1phy);
stmt.executeUpdate(updateut1chem);
stmt.executeUpdate(updateut1maths);
stmt.executeUpdate(updateut1ip);
stmt.executeUpdate(updateut1pe);

stmt.executeUpdate(updateut2eng);
stmt.executeUpdate(updateut2phy);
stmt.executeUpdate(updateut2chem);
stmt.executeUpdate(updateut2maths);
stmt.executeUpdate(updateut2ip);
stmt.executeUpdate(updateut2pe);

stmt.executeUpdate(updateprac1eng);
stmt.executeUpdate(updateprac1phy);
stmt.executeUpdate(updateprac1chem);
stmt.executeUpdate(updateprac1maths);
stmt.executeUpdate(updateprac1ip);
stmt.executeUpdate(updateprac1pe);

stmt.executeUpdate(updatehalfyearlyeng);
stmt.executeUpdate(updatehalfyearlyphy);
stmt.executeUpdate(updatehalfyearlychem);
stmt.executeUpdate(updatehalfyearlymaths);
stmt.executeUpdate(updatehalfyearlyip);
stmt.executeUpdate(updatehalfyearlype);

JOptionPane.showMessageDialog(null, "Data Succesfully Updated");

stmt.close();
con.close();

```

```
    }

    catch (Exception e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}
```

Continue Form:

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    grNumber = grNum.getText();
    classSection = class_Sect.getText();
    rollNumber = Integer.parseInt(rollNo.getText());
    nameValue = name.getText();

    int option = JOptionPane.showConfirmDialog(null, "Are you sure you want to continue? You won't
be able to return", "File", JOptionPane.YES_NO_OPTION);

    if (option == 0)
    {
        this.dispose();
        new Class12ScienceUpdateForm2().setVisible(true);
    }
    //this.dispose();
    //new Class678ResultForm2().setVisible(true); // TODO add your handling code here:
}
```

Back:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

Let Justice Prevail from every side!

Class 12 Science Print Form

Class 12 Science Print Form

[Back](#)
Section: **Science**Class: **12**Roll Number:

G.R. Number: Name:

Attendance:

Name of Class Teacher:

Academic Session:

 Days / Days
Promoted to Class (enter Number): 20 - 20

Part A- Scholastic Areas (100 Marks)

Term 1

Subject Name	UT-1 (40)	UT-2 (40)	HY (70)	Practical (30)	HY Total (100)
English Core					
Physics					
Chemistry					
Mathematics					
Information Pract...	0	0	0	0	
Physical Education	0	0	0	0	

Total (out of 500):

Percentage (Half Yearly):

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Attendance T-2	

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English-Core				
Physics				
Chemistry				
Mathematics/Biology				
Information Practices	0	0	0	0
Physical Education	0	0	0	0

Pre-Board I %

Pre-Board II %

Pre-Board III %

Need To Import/Global:

```

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class Class12SciencePrintForm extends javax.swing.JFrame {
    public static int rollNumber;

    public static double ut1TotalEnglish;
    public static double ut2TotalEnglish;
    public static double ut1TotalPhysics;
    public static double ut2TotalPhysics;
  
```

```

public static double ut1TotalChemistry;
public static double ut2TotalChemistry;
public static double ut1TotalMath;
public static double ut2TotalMath;
public static double ut1TotalIP;
public static double ut2TotalIP;
public static double ut1TotalPE;
public static double ut2TotalPE;
public static double hyEnglish;
public static double hyPhysics;
public static double hyChemistry;
public static double hyMaths;
public static double hyIP;
public static double hyPE;

```

```

public static String grNumber;
public static String classSection;
public static String academicValue1;
public static String academicValue2;
public static String attendanceValue1;
public static String attendanceValue2;
public static String promotedClass;
public static String nameOfTeacher;
public static String nameValue;
public static String classNumber;

```

Get Original Results:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    rollNumber = Integer.parseInt(rollNo.getText());
    DefaultTableModel modelA = (DefaultTableModel) tableA.getModel();
    //ut1_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
        "root", "ankit");
        Statement stmt = con.createStatement();
        //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
        SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name
        String query1 = "select * from ut1_class12sci where roll_No = " + rollNumber + "; ";
        ResultSet rs = stmt.executeQuery(query1);
        while(rs.next())
        {
            // JOptionPane.showMessageDialog(null, "Test");
            int grNumber = rs.getInt("grno");
            String nameVal = rs.getString("name");
            double english = rs.getDouble("english");
            double physics = rs.getDouble("physics");
            double chemistry = rs.getDouble("chemistry");
        }
    }
}

```

```
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");

        name.setText(nameVal);
        grNum.setText(" " + grNumber);
        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(physics, 1, 1);
        modelA.setValueAt(chemistry, 2, 1);
        modelA.setValueAt(maths, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);

    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//ut2_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from ut2_class12sci where roll_No = " + rollNumber + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double physics = rs2.getDouble("physics");
        double chemistry = rs2.getDouble("chemistry");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(physics, 1, 2);
        modelA.setValueAt(chemistry, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
```

```
JOptionPane.showMessageDialog(null, e);
}

//hy170_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from hy170_class12sci where roll_No = " + rollNumber + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double physics = rs3.getDouble("physics");
        double chemistry = rs3.getDouble("chemistry");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(physics, 1, 3);
        modelA.setValueAt(chemistry, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical11_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query4 = "select * from practical11_class12sci where roll_No = " + rollNumber + "; ";

    ResultSet rs4 = stmt.executeQuery(query4);

    while(rs4.next())
    {
        double english = rs4.getDouble("english");
        double physics = rs4.getDouble("physics");
        double chemistry = rs4.getDouble("chemistry");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");
```

```

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(physics, 1, 4);
        modelA.setValueAt(chemistry, 2, 4);
        modelA.setValueAt(maths, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
    }

    double marksEnglish = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(0,4);
    double marksPhysics = (double) modelA.getValueAt(1,3) + (double) modelA.getValueAt(1,4);
    double marksChemistry = (double) modelA.getValueAt(2,3) + (double) modelA.getValueAt(2,4);
    double marksMathematics = (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(3,4);
    double marksIP = (double) modelA.getValueAt(4,3) + (double) modelA.getValueAt(4,4);
    double marksPE = (double) modelA.getValueAt(5,3) + (double) modelA.getValueAt(5,4);

    modelA.setValueAt(marksEnglish, 0, 5);
    modelA.setValueAt(marksPhysics, 1, 5);
    modelA.setValueAt(marksChemistry, 2, 5);
    modelA.setValueAt(marksMathematics, 3, 5);
    modelA.setValueAt(marksIP, 4, 5);
    modelA.setValueAt(marksPE, 5, 5);

    double totalMarks1 = (double) modelA.getValueAt(0,5) + (double) modelA.getValueAt(1,5) +
(double) modelA.getValueAt(2,5) + (double) modelA.getValueAt(3,5) + (double) modelA.getValueAt(4,5) +
(double) modelA.getValueAt(5,5);
    double percentage1 = totalMarks1 / 500 * 100;

    resultOutOf5001.setText(" " + totalMarks1);
    resultPercentage1.setText(" " + percentage1 + " %");

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//miscell_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from miscell_class12sci where roll_No = " + rollNumber + "; ";

    ResultSet rs5 = stmt.executeQuery(query3);

    while(rs5.next())
    {
        String nameVal = rs5.getString("name");
        String nameTea = rs5.getString("nameTeach");
        int att1 = rs5.getInt("attend1");
        int att2 = rs5.getInt("attend2");
        int acad1 = rs5.getInt("acad1");
        int acad2 = rs5.getInt("acad2");
    }
}

```

```

        int proClass = rs5.getInt("promoteClass");

        name.setText(nameVal);
        nameTeacher.setText(nameTea);
        attendance1.setText("'" + att1);
        attendance2.setText("'" + att2);
        academic1.setText("'" + acad1);
        academic2.setText("'" + acad2);
        promotedToClass.setText("'" + proClass);

    }

    rs5.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

DefaultTableModel modelB = (DefaultTableModel) tableB.getModel();
DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();
int roll = Integer.parseInt(rollNo.getText());
//ut3_class1sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
    SS(100), IT(100), work, art, health, disicpline, final, percentage, attend1, attend2, promotedclass, name
    String query1 = "select * from ut3_class12sci where roll_No = " + roll + ";";
    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        //JOptionPane.showMessageDialog(null, "Test");
        int grNumber = rs.getInt("grno");
        String nameVal = rs.getString("name");
        double english = rs.getDouble("english");
        double physics = rs.getDouble("physics");
        double chemistry = rs.getDouble("chemistry");
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");

        modelB.setValueAt(english, 0, 1);
        modelB.setValueAt(physics, 1, 1);
        modelB.setValueAt(chemistry, 2, 1);
        modelB.setValueAt(maths, 3, 1);
        modelB.setValueAt(ip, 4, 1);
        modelB.setValueAt(pe, 5, 1);
    }
}

```

```

        rs.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    //hy270_class11sci
    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query2 = "select * from preboard_i_class12sci where roll_No = " + roll + "; ";

        ResultSet rs2 = stmt.executeQuery(query2);

        while(rs2.next())
        {
            double english = rs2.getDouble("english");
            double physics = rs2.getDouble("physics");
            double chemistry = rs2.getDouble("chemistry");
            double maths = rs2.getDouble("Mathematics");
            double ip = rs2.getDouble("ip");
            double pe = rs2.getDouble("pe");

            modelB.setValueAt(english, 0, 2);
            modelB.setValueAt(physics, 1, 2);
            modelB.setValueAt(chemistry, 2, 2);
            modelB.setValueAt(maths, 3, 2);
            modelB.setValueAt(ip, 4, 2);
            modelB.setValueAt(pe, 5, 2);
        }
        rs2.close();
        stmt.close();
        con.close();
    }

    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

        Statement stmt = con.createStatement();
        String query2 = "select * from preboard_i_class12sci where roll_No = " + roll + "; ";

        ResultSet rs2 = stmt.executeQuery(query2);

        while(rs2.next())
    }
}

```

```

    {
        double english = rs2.getDouble("english");
        double physics = rs2.getDouble("physics");
        double chemistry = rs2.getDouble("chemistry");
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");

        modelB.setValueAt(english, 0, 3);
        modelB.setValueAt(physics, 1, 3);
        modelB.setValueAt(chemistry, 2, 3);
        modelB.setValueAt(maths, 3, 3);
        modelB.setValueAt(ip, 4, 3);
        modelB.setValueAt(pe, 5, 3);
    }

    rs2.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//practical2_class1sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from preboard_iii_class12sci where roll_No = " + roll + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double physics = rs3.getDouble("physics");
        double chemistry = rs3.getDouble("chemistry");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");

        modelB.setValueAt(english, 0, 4);
        modelB.setValueAt(physics, 1, 4);
        modelB.setValueAt(chemistry, 2, 4);
        modelB.setValueAt(maths, 3, 4);
        modelB.setValueAt(ip, 4, 4);
        modelB.setValueAt(pe, 5, 4);
    }

    double pb1 = (double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) + (double)
modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2) + (double)
modelA.getValueAt(5,2);
}

```

```

        double pb2 = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) + (double)
modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3) + (double)
modelA.getValueAt(5,3);
        double pb3 = (double) modelA.getValueAt(0,4) + (double) modelA.getValueAt(1,4) + (double)
modelA.getValueAt(2,4) + (double) modelA.getValueAt(3,4) + (double) modelA.getValueAt(4,4) + (double)
modelA.getValueAt(5,4);
        double pb1Per = pb1 / 5;
        double pb2Per = pb2 / 5;
        double pb3Per = pb3 / 5;
pb1Percent.setText("+" + pb1Per);
pb2Percent.setText("+" + pb2Per);
pb3Percent.setText("+" + pb3Per);
        rs3.close();
        stmt.close();
        con.close();
    }
    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }

    try {
        Class.forName("java.sql.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");
        Statement stmt = con.createStatement();
        String query2 = "select * from coAreas_class12sci where roll_No = " + roll + "; ";
        ResultSet rs4 = stmt.executeQuery(query2);
        while(rs4.next())
        {
            String work = rs4.getString("workExp");
            String env = rs4.getString("environmnt");
            String att1 = rs4.getString("attend1");
            String att2 = rs4.getString("attend2");

            modelC.setValueAt(work, 0, 1);
            modelC.setValueAt(env, 1, 1);
            modelC.setValueAt(att1, 2, 1);
            modelC.setValueAt(att2, 3, 1);
        }
        rs4.close();
        stmt.close();
        con.close();
    }
    catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }
}

```

Back:

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}

```

Class 12 Science Update Form 2

Get Original Results

Update Form Continued

Part A- Scholastic Areas (100 Marks)

Term 2

Subject Name	UT-3 (40)	Pre-Board I (100)	Pre-Board II (100)	Pre-Board III (100)
English-Core				
Physics				
Chemistry				
Mathematics/Biology				
Information Practices	0	0	0	
Physical Education	0	0	0	

Calculate

Pre-Board I %

Pre-Board II %

Pre-Board III %

Part B- Co-Scholastic Areas (5-Point Grading Scale A-E)

Term 2

Areas	Grade
Work Experience	
Environmental INF	
Attendance T-1	
Discipline	

Execute

Enter Next Student

Return to Main Menu

Things To Import/Global:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

Get Original Results:

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    int roll = Class12ScienceUpdateForm.rollNumber;
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();
    DefaultTableModel modelC = (DefaultTableModel) tableC.getModel();
```

```

//ut3_class11sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();

    //Grno, section, rollno, acad1, acad2, english(100), hindi(100), maths(100), sci(100),
    SS(100), IT(100), work, art, health, disicpline, final, percentage,attend1, attend2, promotedclass, name

    String query1 = "select * from ut3_class12sci where roll_No = " + roll + "; ";

    ResultSet rs = stmt.executeQuery(query1);

    while(rs.next())
    {
        double english = rs.getDouble("english");
        double physics = rs.getDouble("physics");
        double chemistry = rs.getDouble("chemistry");
        double maths = rs.getDouble("Mathematics");
        double ip = rs.getDouble("ip");
        double pe = rs.getDouble("pe");

        modelA.setValueAt(english, 0, 1);
        modelA.setValueAt(physics, 1, 1);
        modelA.setValueAt(chemistry, 2, 1);
        modelA.setValueAt(maths, 3, 1);
        modelA.setValueAt(ip, 4, 1);
        modelA.setValueAt(pe, 5, 1);
    }

    rs.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//preboard_i_class12sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from preboard_i_class12sci where roll_No = " + roll + "; ";

    ResultSet rs2 = stmt.executeQuery(query2);

    while(rs2.next())
    {
        double english = rs2.getDouble("english");
        double physics = rs2.getDouble("physics");
        double chemistry = rs2.getDouble("chemistry");
    }
}

```

```
        double maths = rs2.getDouble("Mathematics");
        double ip = rs2.getDouble("ip");
        double pe = rs2.getDouble("pe");

        modelA.setValueAt(english, 0, 2);
        modelA.setValueAt(physics, 1, 2);
        modelA.setValueAt(chemistry, 2, 2);
        modelA.setValueAt(maths, 3, 2);
        modelA.setValueAt(ip, 4, 2);
        modelA.setValueAt(pe, 5, 2);
    }

    rs2.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

//preboard_iiclass12sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from preboard_iiclass12sci where roll_No = " + roll + "; ";

    ResultSet rs3 = stmt.executeQuery(query3);

    while(rs3.next())
    {
        double english = rs3.getDouble("english");
        double physics = rs3.getDouble("physics");
        double chemistry = rs3.getDouble("chemistry");
        double maths = rs3.getDouble("Mathematics");
        double ip = rs3.getDouble("ip");
        double pe = rs3.getDouble("pe");

        modelA.setValueAt(english, 0, 3);
        modelA.setValueAt(physics, 1, 3);
        modelA.setValueAt(chemistry, 2, 3);
        modelA.setValueAt(maths, 3, 3);
        modelA.setValueAt(ip, 4, 3);
        modelA.setValueAt(pe, 5, 3);
    }

    rs3.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}
```

```

//preboard_iii_class12sci
try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query3 = "select * from preboard_iii_class12sci where roll_No = " + roll + "; ";

    ResultSet rs4 = stmt.executeQuery(query3);

    while(rs4.next())
    {
        double english = rs4.getDouble("english");
        double physics = rs4.getDouble("physics");
        double chemistry = rs4.getDouble("chemistry");
        double maths = rs4.getDouble("Mathematics");
        double ip = rs4.getDouble("ip");
        double pe = rs4.getDouble("pe");

        modelA.setValueAt(english, 0, 4);
        modelA.setValueAt(physics, 1, 4);
        modelA.setValueAt(chemistry, 2, 4);
        modelA.setValueAt(maths, 3, 4);
        modelA.setValueAt(ip, 4, 4);
        modelA.setValueAt(pe, 5, 4);
    }

    rs4.close();
    stmt.close();
    con.close();
}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

try {
    Class.forName("java.sql.Driver");
    Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject",
"root", "ankit");

    Statement stmt = con.createStatement();
    String query2 = "select * from coAreas_class12sci where roll_No = " + roll + "; ";

    ResultSet rs5 = stmt.executeQuery(query2);

    while(rs5.next())
    {
        String work = rs5.getString("workExp");
        String env = rs5.getString("enviornment");
        String att1 = rs5.getString("attend1");
        String att2 = rs5.getString("attend2");

        modelC.setValueAt(work, 0, 1);
        modelC.setValueAt(env, 1, 1);
        modelC.setValueAt(att1, 2, 1);
        modelC.setValueAt(att2, 3, 1);
    }
}

```

```

    }

    rs5.close();
    stmt.close();
    con.close();

}

catch (Exception e) {
    JOptionPane.showMessageDialog(null, e);
}

double pb1 = (double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) + (double)
modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2) + (double)
modelA.getValueAt(5,2);
double pb2 = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) + (double)
modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3) + (double)
modelA.getValueAt(5,3);
double pb3 = (double) modelA.getValueAt(0,4) + (double) modelA.getValueAt(1,4) + (double)
modelA.getValueAt(2,4) + (double) modelA.getValueAt(3,4) + (double) modelA.getValueAt(4,4) + (double)
modelA.getValueAt(5,4);

double pb1Per = pb1 / 5;
double pb2Per = pb2 / 5;
double pb3Per = pb3 / 5;

pb1Percent.setText(" " + pb1Per);
pb2Percent.setText(" " + pb2Per);
pb3Percent.setText(" " + pb3Per);
}

```

Calculate:

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel modelA = (DefaultTableModel) tableB.getModel();

    boolean allow1Term1 = false;
    boolean allow2Term1 = false;
    boolean allow3Term1 = false;
    boolean allow4Term1 = false;

    //Show pop-up dialog restricting the data values- Term 1
    for (int i = 0; i <= 5; i++)
    {
        if ((double) modelA.getValueAt(i,1) <= 40 && (double) modelA.getValueAt(i,1) >= 0)
        {
            allow1Term1 = true;
        }

        else
        {
            JOptionPane.showMessageDialog(null, "Max value allowed is 40 and Min value allowed is 0.
Re-enter Data Value");
            allow1Term1 = false;
            break;
        }
    }
}

```

```

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,2) <= 100 && (double) modelA.getValueAt(i,2) >= 0)
    {
        allow2Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow2Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,3) <= 100 && (double) modelA.getValueAt(i,3) >= 0)
    {
        allow3Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow3Term1 = false;
        break;
    }
}

for (int i = 0; i <= 5; i++)
{
    if ((double) modelA.getValueAt(i,4) <= 100 && (double) modelA.getValueAt(i,4) >= 0)
    {
        allow4Term1 = true;
    }

    else
    {
        JOptionPane.showMessageDialog(null, "Max value allowed is 100 and Min value allowed is
0. Re-enter Data Value");
        allow4Term1 = false;
        break;
    }
}

if (allow1Term1 == true && allow2Term1 == true && allow3Term1 == true && allow4Term1 == true)
{
    double pb1 = (double) modelA.getValueAt(0,2) + (double) modelA.getValueAt(1,2) + (double)
modelA.getValueAt(2,2) + (double) modelA.getValueAt(3,2) + (double) modelA.getValueAt(4,2) + (double)
modelA.getValueAt(5,2);
    double pb2 = (double) modelA.getValueAt(0,3) + (double) modelA.getValueAt(1,3) + (double)
modelA.getValueAt(2,3) + (double) modelA.getValueAt(3,3) + (double) modelA.getValueAt(4,3) + (double)
modelA.getValueAt(5,3);
    double pb3 = (double) modelA.getValueAt(0,4) + (double) modelA.getValueAt(1,4) + (double)
modelA.getValueAt(2,4) + (double) modelA.getValueAt(3,4) + (double) modelA.getValueAt(4,4) + (double)
modelA.getValueAt(5,4);
}

```

```

        double pb1Per = pb1 / 5;
        double pb2Per = pb2 / 5;
        double pb3Per = pb3 / 5;

        pb1Percent.setText(" " + pb1Per);
        pb2Percent.setText(" " + pb2Per);
        pb3Percent.setText(" " + pb3Per);

    }
}

```

Execute:

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    DefaultTableModel model2 =(DefaultTableModel) tableB.getModel();
    DefaultTableModel model3 =(DefaultTableModel) tableC.getModel();

    int rollNumber = Class12ScienceUpdateForm.rollNumber;

    try{
        Class.forName("java.sql.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/iproject","root","ankit");
        Statement stmt = (Statement) con.createStatement();

        String updateut3eng = "update ut3_class12sci set English = " + model2.getValueAt(0,1) + "
where roll_No = " + rollNumber + "; ";
        String updateut3phy = "update ut3_class12sci set Physics = " + model2.getValueAt(1,1) + "
where roll_No = " + rollNumber + "; ";
        String updateut3chem = "update ut3_class12sci set Chemistry = " + model2.getValueAt(2,1) +
" where roll_No = " + rollNumber + "; ";
        String updateut3maths = "update ut3_class12sci set Mathematics = " + model2.getValueAt(3,1)
+ " where roll_No = " + rollNumber + "; ";
        String updateut3ip = "update ut3_class12sci set IP = " + model2.getValueAt(4,1) + " where
roll_No = " + rollNumber + "; ";
        String updateut3pe = "update ut3_class12sci set PE = " + model2.getValueAt(5,1) + " where
roll_No = " + rollNumber + "; ";

        String pbleng = "update preboard_i_class12sci set English = " + model2.getValueAt(0,2) + "
where roll_No = " + rollNumber + "; ";
        String pb1phy = "update preboard_i_class12sci set Physics = " + model2.getValueAt(1,2) + "
where roll_No = " + rollNumber + "; ";
        String pb1chem = "update preboard_i_class12sci set Chemistry = " + model2.getValueAt(2,2) +
" where roll_No = " + rollNumber + "; ";
        String pb1maths = "update preboard_i_class12sci set Mathematics = " + model2.getValueAt(3,2)
+ " where roll_No = " + rollNumber + "; ";
        String pb1ip = "update preboard_i_class12sci set IP = " + model2.getValueAt(4,2) + " where
roll_No = " + rollNumber + "; ";
        String pb1pe = "update preboard_i_class12sci set PE = " + model2.getValueAt(5,2) + " where
roll_No = " + rollNumber + "; ";

        String pb2eng = "update preboard_ii_class12sci set English = " + model2.getValueAt(0,3) + "
where roll_No = " + rollNumber + "; ";

```

```

String pb2phy = "update preboard_ii_class12sci set Physics = " + model2.getValueAt(1,3) + "
where roll_No = " + rollNumber + "; ";
String pb2chem = "update preboard_ii_class12sci set Chemistry = " + model2.getValueAt(2,3) + "
where roll_No = " + rollNumber + "; ";
String pb2maths = "update preboard_ii_class12sci set Mathematics = " +
model2.getValueAt(3,3) + " where roll_No = " + rollNumber + "; ";
String pb2ip = "update preboard_ii_class12sci set IP = " + model2.getValueAt(4,3) + " where
roll_No = " + rollNumber + "; ";
String pb2pe = "update preboard_ii_class12sci set PE = " + model2.getValueAt(5,3) + " where
roll_No = " + rollNumber + "; ";

String pb3eng = "update preboard_iii_class12sci set English = " + model2.getValueAt(0,4) + "
where roll_No = " + rollNumber + "; ";
String pb3phy = "update preboard_iii_class12sci set Physics = " + model2.getValueAt(1,4) + "
where roll_No = " + rollNumber + "; ";
String pb3chem = "update preboard_iii_class12sci set Chemistry = " + model2.getValueAt(2,4) +
" where roll_No = " + rollNumber + "; ";
String pb3maths = "update preboard_iii_class12sci set Mathematics = " +
model2.getValueAt(3,4) + " where roll_No = " + rollNumber + "; ";
String pb3ip = "update preboard_iii_class12sci set IP = " + model2.getValueAt(4,4) + " where
roll_No = " + rollNumber + "; ";
String pb3pe = "update preboard_iii_class12sci set PE = " + model2.getValueAt(5,4) + "
where roll_No = " + rollNumber + "; ";

String updatecoAreas = "update coAreas_class12sci set workExp = '" + model3.getValueAt(0,1)
+ "', enviornment = '" +
model3.getValueAt(1,1) + "', attend1 = '" + model3.getValueAt(2,1) + "', attend2 = '" +
model3.getValueAt(3,1) +
"' where roll_No = " + rollNumber + "; ";
stmt.executeUpdate(updatecoAreas);

stmt.executeUpdate(updateut3eng);
stmt.executeUpdate(updateut3phy);
stmt.executeUpdate(updateut3chem);
stmt.executeUpdate(updateut3maths);
stmt.executeUpdate(updateut3ip);
stmt.executeUpdate(updateut3pe);

stmt.executeUpdate(pb1eng);
stmt.executeUpdate(pb1phy);
stmt.executeUpdate(pb1chem);
stmt.executeUpdate(pb1maths);
stmt.executeUpdate(pb1ip);
stmt.executeUpdate(pb1pe);
stmt.executeUpdate(pb2eng);
stmt.executeUpdate(pb2phy);
stmt.executeUpdate(pb2chem);
stmt.executeUpdate(pb2maths);
stmt.executeUpdate(pb2ip);
stmt.executeUpdate(pb2pe);
stmt.executeUpdate(pb3eng);
stmt.executeUpdate(pb3phy);
stmt.executeUpdate(pb3chem);
stmt.executeUpdate(pb3maths);
stmt.executeUpdate(pb3ip);
stmt.executeUpdate(pb3pe);

JOptionPane.showMessageDialog(null, "Data Succesfully Updated");

```

```
        stmt.close();
        con.close();
    }

    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null,e);
    }
}
```

Enter Next Student:

```
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();
    new Class12ScienceUpdateForm().setVisible(true);
}
```

Return To Main Menu:

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    new TestMainMenu().setVisible(true); // TODO add your handling code here:
}
```

W E L S P U N

W E L S P U N

Let music (Muzikk) come to us from every side!

Potential Drawbacks/Extra Features

We have put forth our best effort to make our program user-friendly with a high level of maintainability. However, like with all things, our software does come with some potential drawbacks:

- ❖ The program does not account for elementary classes (Grade I-V)
- ❖ A possible feature that our software could support is cataloguing/categorizing the students, based on percentage, specific subjects, specific tests, etc.
- ❖ The program doesn't link to a physical printer, so the user cannot directly print a form of any class.
- ❖ There could be more details on the forms, like Father/Mother/Guardian name, student addresses, etc.



Bibliography

- ❖ Google Images
- ❖ [www.cbse.nic](http://www.cbse.nic.in)
- ❖ Informatics Practices Class XI by Sumita Arora
- ❖ Informatics Practices Class XII by Sumita Arora
- ❖ <https://www.w3schools.com/>
- ❖ <https://stackoverflow.com/>
- ❖ <https://www.edureka.co/>
- ❖ <https://coderanch.com/>
- ❖ <https://www.codeproject.com/>
- ❖ <http://plugins.netbeans.org/>
- ❖ <https://netbeans.apache.org/>
- ❖ <https://dzone.com/>

Let Positive Thoughts come to us from every side!

Remarks/Suggestions



Thank You