IBM

IBM Carrer Education

MAIN PROJECT
DOMAIN NAME: JAVA

College Management System

Submitted By,

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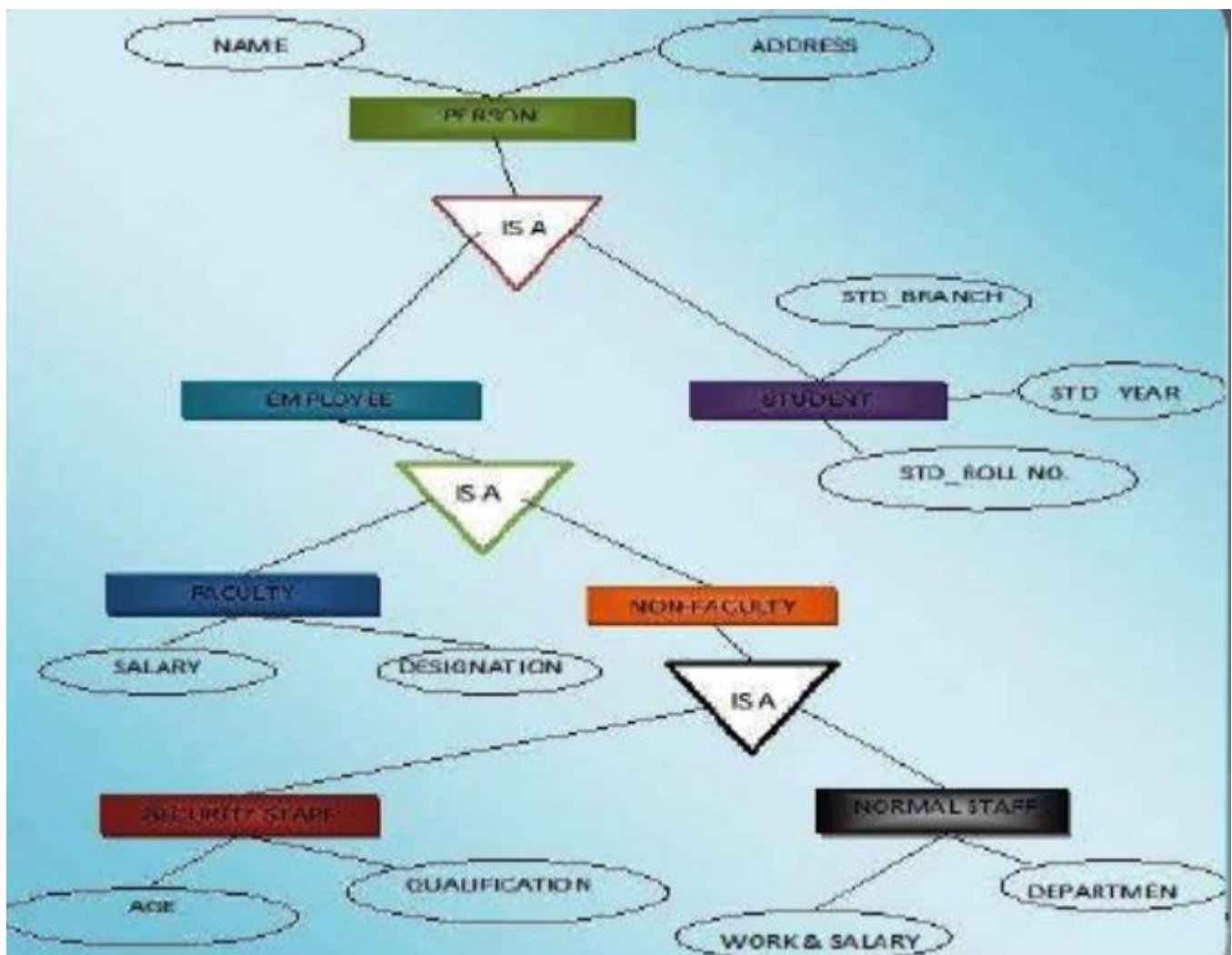**II Year – CBA (A Section)**

GANPAT UNIVERSITY, AHMEDABAD.

Submitted To,
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IBM Software Technical Trainer

GANPAT UNIVERSITY | **INSTITUTE OF COMPUTER TECHNOLOGY**

COLLEGE MANAGEMENT SYSTEM FLOWCHART

COLLEGE MANAGEMENT SYSTEM

SOFTWARE SPECIFICATIONS

- JDK 1.5 or later
- Our software is platform independent since it uses java.
- Latest and updated antivirus
- Anti-hacking software
- Any RDBMS(Relational Database Management System)

HARDWARE SPECIFICATIONS

- 256 MB RAM
- Network Connections with 100 Mbps transfer rate.
- Server to control the database to be maintained by software.
- 1 Mb cache memory.
- 10 Gb free disk space.

COLLEGE MANAGEMENT SYSTEM DESCRIPTION

INTRODUCTION:

This is a web-related application that permits us to approach the entire knowledge regarding the college, employees, students, faculties etc. This application is also called as institute management system. It offers an actual trip of the college campus. Here we would gain the recent knowledge regarding the students and employees.

DESCRIPTION:

This general application planned for aiding the students of an organization about details on the courses, subjects, classes, assignments, grades and time-table. It also allows the faculty to know his time-table, upload assignments and issue circulars to the pupil.

The administrator would maintain the accounts of the pupil and staff, prepares the time-table and upload the current information regarding the campus.

To reduce the headache of maintaining the record of students and teachers related documents.

To reduce the cumbersome job of maintaining several documents like : It will eliminate the delays in the generation of results and free updating of the students, this system will help in maintaining the records of absent students.

Searching will become more efficient and fast in comparison of manual searching.

It will also provide assurance that each employee of the college marked their attendance timely.

Overall it will reduce the cost and time of the college head in taking care of the college.

ADVANTAGES:

- Total control on the application by Administrator like assigning rights n so on.
- All the work pressure will be reduced by the use of this application.
- Availability & Accessibility of records 24X7 to authorized persons.
- Centralized data repository for trouble-free data access.
- Authenticated profile dependent access to data.
- Carefully designed & user friendly interface.
- High level data security.
- Freedom from maintaining lots of registers year by year.
- Elimination of people-dependent processes.
- Minimal data redundancy.

DISVANTAGES:

- This process is so much time consuming
- There is a threat for the record of the student and teachers, in this case, there might be a chance that person makes entry on someone else record.
- There is no proper way of getting to know about the events and extra curriculum activities happening in colleges.
- It might be the case that student tries to bribe the teachers to avoid the long queue.

COLLEGE MANAGEMENT SYSTEM PICTURES

COLLEGE MANAGEMENT SYSTEM

AIM:

To create a computerised library management system which:-

- **Adds a Staff Details**
- **Adds a Course Details**
- **Adds a Time Table Details**
- **Adds a Hostel Details**

PROGRAM:
- ## LOGIN PAGE CODE

```
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {font-family: Arial, Helvetica, sans-serif;}
form {border: 3px solid #f1f1f1;}

input[type=text], input[type=password] {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}

button {
  background-color: #4CAF50;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
```

```
  border: none;
  cursor: pointer;
  width: 30%;
}

button:hover {
  opacity: 0.8;
}

.cancelbtn {
  width: auto;
  padding: 10px 18px;
  background-color: #f44336;
}

.imgcontainer {
  text-align: center;
  margin: 24px 0 12px 0;
}

img.avatar {
  width: 20%;
  border-radius: 50%;
}

.container {
  padding: 16px;
}

span.psw {
  float: right;
  padding-top: 16px;
}

/* Change styles for span and cancel button on extra small screens */
@media screen and (max-width: 300px) {
  span.psw {
    display: block;
    float: none;
  }
  .cancelbtn {
    width: 100%;
  }
}
</style>
</head>
<body>

<h2>Login Form</h2>

<form action="/action_page.php" method="post">
  <div class="imgcontainer">
    <img src="avatar.png" alt="Avatar" class="avatar">
```

```
    </div>

  <div class="container">
    <label for="uname"><b>Username</b></label>
    <input type="text" placeholder="Enter Username" name="uname" required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" required>

    <button type="submit">Login</button>
    <label>
      <input type="checkbox" checked="checked" name="remember"> Remember me
    </label>
  </div>

  <div class="container" style="background-color:#f1f1f1">
    <button type="button" class="cancelbtn">Cancel</button>
    <span class="psw">Forgot <a href="#">password?</a></span>
  </div>
</form>
</body>
</html>
```

OUTPUT

• STAFF DETAILS CODE

```java
class Employees
{
                int id;
                String name;
                String state;
                int contact_no;
                String qualification;
                float salary;
                int bonus;

                Employees(int i,String n,String s,int c,String q,float sa,int b)
        {
                id=i;
                name=n;
                state=s;
                contact_no=c;
                qualification=q;
                salary=sa;
                bonus=b;
        }

                void display()
        {
                System.out.println(id+"                "+name+"                "+state+"
        "+contact_no+"                "+qualification+"            "+salary+"                "+bonus);
        }
}

class Employee
{
                public static void main(String args[])
        {
                Employees e1=new Employees(1,"SpiderMan","Alaska",123456,"MBA",25000.98f,10000);
                Employees e2=new Employees(2,"BenTen","California",216464,"MBA",30000f,9000);
                Employees e3=new Employees(3,"BobBuilder","Colorado",648999,"BA",15000.56f,8000);
                Employees e4=new Employees(4,"Iggle","Delaware",456974,"BBA",50000f,7000);
                Employees e5=new Employees(5,"BumbleBee","Florida",656487,"MA",30000.34f,6000);
                Employees e6=new Employees(6,"Mr.Maker","Alberta",456712,"BBA",70000.90f,5000);
                Employees e7=new Employees(7,"ElmoPeter","Manitoba",123475,"MTECH",14000f,4000);
                Employees e8=new Employees(8,"Yesha","Ontorio",457123,"PHD",100000f,15000);
                Employees e9=new Employees(9,"Zoonie","Quebec",789452,"BTECH",25000f,8000);
                Employees e0=new Employees(0,"BatMan","Nova Scotia",948756,"MA",17000.45f,3000);

                e1.display();
                e2.display();
                e3.display();
                e4.display();
                e5.display();
                e6.display();
                e7.display();
                e8.display();
```
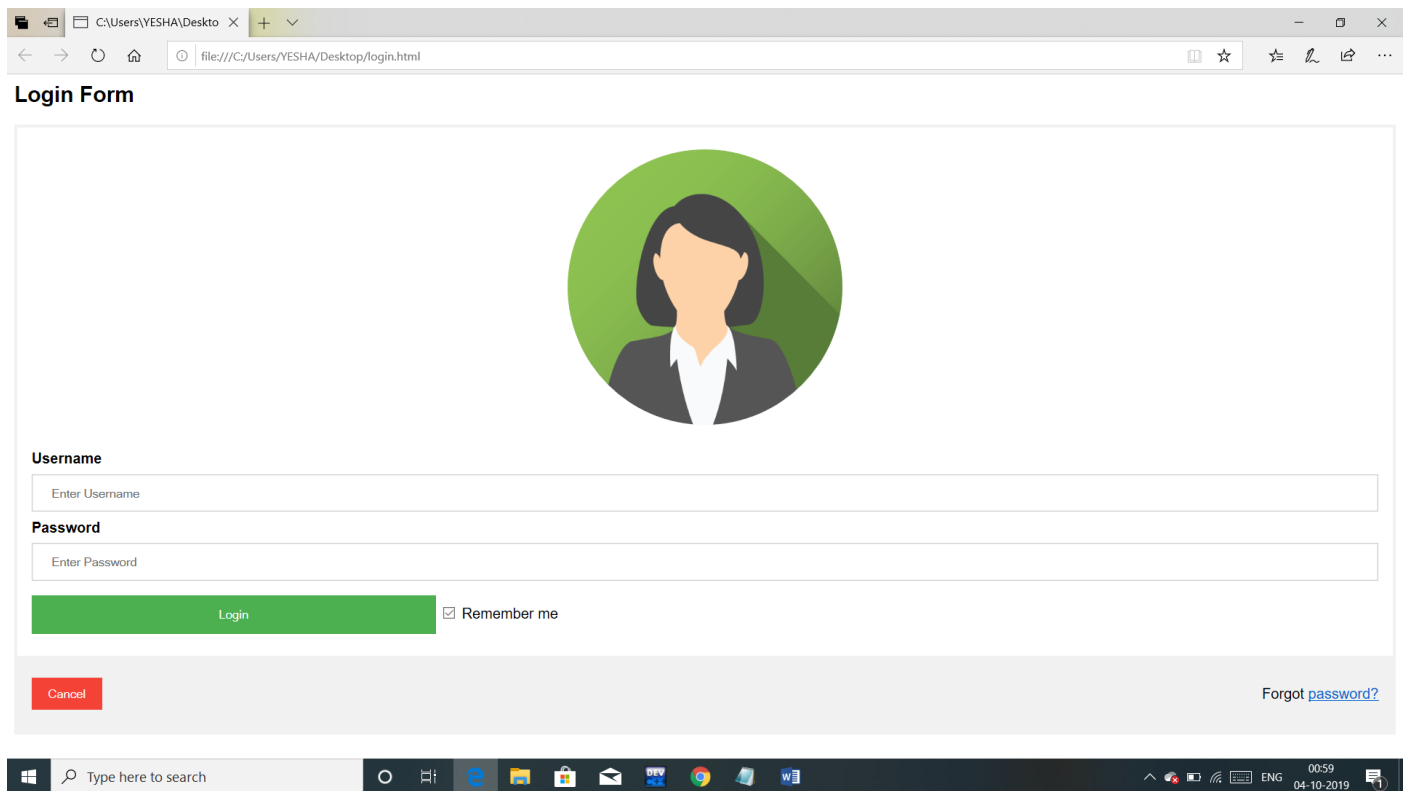
```
            e9.display();
            e0.display();
        }
}
```

OUTPUT

```
C:\YJava>javac Employee.java

C:\YJava>java Employee
1       SpiderMan      Alaska        123456      MBA      25000.98      10000
2       BenTen         California    216464      MBA      30000.0       9000
3       BobBuilder     Colorado      648999      BA       15000.56      8000
4       Iggle          Delaware      456974      BBA      50000.0       7000
5       BumbleBee      Florida       656487      MA       30000.34      6000
6       Mr.Maker       Alberta       456712      BBA      70000.9       5000
7       ElmoPeter      Manitoba      123475      MTECH    14000.0       4000
8       Yesha          Ontorio       457123      PHD      100000.0      15000
9       Zoonie         Quebec        789452      BTECH    25000.0       8000
0       BatMan         Nova Scotia   948756      MA       17000.45      3000
```

• COURSE DETAILS CODE

```java
import java.math.RoundingMode;
import java.util.LinkedList;
import java.util.List;
import java.util.Random;
import java.util.Scanner;
import java.math.BigDecimal;

public class Student
{
        private String firstName;
        private String lastName;
        private String id;
        private List<String> courses;
        private BigDecimal tuition;
        private Scanner keyboard = new Scanner(System.in);

            private Student(String fName, String lastName)
        {
            this.firstName = fName;
            this.lastName = lastName;
        }

            private Student()
        {

        }

            private BigDecimal getTuition()
        {
```

```java
                return tuition;
        }

                private void setTuition(BigDecimal money)
        {
                this.tuition = money;
        }

                private String getName()
        {
                return firstName + " " +  lastName;
        }


                private void setFirstName(String firstName)
        {
                this.firstName = firstName;
        }

                private void setLastName(String lastName)
        {
                this.lastName = lastName;
        }

                private String getId()
        {
                return id;
        }

                private void setId(String id)
        {
                this.id = id;
        }

                private List<String> getCourses()
        {
                return courses;
        }

                private void setCourses(List<String> courses)
        {
                this.courses = courses;
        }
private void makeID()
{
                String grade;
                boolean checked = false;

                while (!checked)
        {
        System.out.println("Enter your school year 1. Freshman, 2. Sophomore, 3.Junior and 4. Senior ");
        grade = keyboard.nextLine();
```

```java
        if (grade.length() == 1 && Integer.parseInt(grade) > 0 && Integer.parseInt(grade) < 5)
         {
                setId(grade.concat(randomString()));
                checked = true;
         }
                else
            {
                System.out.println("The input you enter is incorrect please try again");
            }
         }

}

                private String randomString()
        {
                String AB =
"0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz";
                Random random = new Random();
                int great = AB.length();
                int temp;
                String codeword = "";
                for (int i = 0; i < 4; i++)
            {
         temp = (int) (random.nextFloat() * great);
                codeword = codeword.concat(Character.toString(AB.charAt(temp)));
            }
                 return codeword;
        }

                private void payForCourses()
        {
                String answer;
                BigDecimal payment;
                BigDecimal moneyLeftOver;

                while (getTuition().compareTo(BigDecimal.ZERO) > 0)
            {
        System.out.println("Your current balance is $" + getTuition());
        System.out.println("Do you want pay off you balance right now");
                answer = keyboard.nextLine();
                        if (answer.toLowerCase().equals("yes"))
                    {
                        System.out.println("How much would you like to pay right now");

                                if (keyboard.hasNextBigDecimal())
                            {
                        payment = keyboard.nextBigDecimal();
                        payment = payment.setScale(2, RoundingMode.HALF_UP);
                        keyboard.nextLine();
                                if ((payment.compareTo(BigDecimal.ZERO) > 0) &&
payment.compareTo(getTuition()) <= 0)
                                    {
                                        moneyLeftOver = getTuition().subtract(payment);
```

```java
                                setTuition(moneyLeftOver);
                        }
                                else if (payment.compareTo(getTuition()) > 0)
                            {
                        System.out.println("The value you have given is greater than your tuition");
                        }
                                else if (payment.compareTo(BigDecimal.ZERO) < 0)
                            {
                    System.out.println("You gave an negative number as a payment value. Please enter a
positive value next time");
                        }

                        }
                    else
                        {
                     keyboard.nextLine();
                     System.out.println("You entered the wrong input so please input a number next time.");
                        }

            }
                    else if (answer.toLowerCase().equals("no"))
                        {
                            break;
                }
                                else
                        {
                            System.out.println("You gave the wrong input either enter yes or no");
            }
            }
}

private void chooseCourses(List<String> classes, int courseNumber)
{
    switch (courseNumber)
    {
        case 1:
            if (checkDups(classes, "History 101"))
                classes.add("History 101");
            break;
        case 2:
            if (checkDups(classes, "Mathematics 101"))
                classes.add("Mathematics 101");
            break;
        case 3:
            if (checkDups(classes, "English 101"))
                classes.add("English 101");
            break;
        case 4:
            if (checkDups(classes, "Chemistry 101"))
                classes.add("Chemistry 101");
            break;
        case 5:
            if (checkDups(classes, "Computer Science 101"))
```

```java
            classes.add("Computer Science 101");
         break;
      default:
         System.out.println("You gave the wrong input");
         break;
   }
}

private void addCourses()
{
   List<String> classes = new LinkedList<>();
   setCourses(classes);

   String answer;
   int nextCourse;
   BigDecimal size;
   BigDecimal cost;

   System.out.println("Do you want to add any courses? yes or no");
   answer = keyboard.nextLine();
   while (!answer.toLowerCase().equals("no"))
   {
      if (answer.toLowerCase().equals("yes"))
      {
         System.out.println("Which classes would you like to add now? Please choose from the following
selection. " +
                  "Choose the number for the courses");
         System.out.println("1. History 101");
         System.out.println("2. Mathematics 101");
         System.out.println("3. English 101");
         System.out.println("4. Chemistry 101");
         System.out.println("5. Computer Science 101");

         if (keyboard.hasNextInt())
         {
            nextCourse = keyboard.nextInt();
            keyboard.nextLine();
            chooseCourses(classes, nextCourse);

         } else {
            System.out.println("You put in the wrong input: Enter a number 1 - 5 for each class");
            keyboard.nextLine();
         }

      } else {
         System.out.println("You put in the wrong input: Enter either yes or no next time");
      }

      System.out.println("Do you want to add any more courses?");
      answer = keyboard.nextLine();
   }
   size = new BigDecimal(classes.size());
   cost = new BigDecimal(600);
```

```java
        cost = cost.multiply(size);
        setTuition(cost);
    }

    private boolean checkDups(List<String> list, String word)
    {
        for (String temp : list)
        {
            if (word.equals(temp))
            {
                System.out.println("You are already enrolled in that course");
                return false;
            }
        }
        return true;
    }

    private void displayInfo(Student[] studentList)
    {
        for (Student student : studentList)
        {
            System.out.println("Student Name: " + getName());
            System.out.println("Student ID: " + student.getId());

            if (student.getCourses().size() > 0) {
                System.out.println("Student's Current Courses:" + student.getCourses());
            } else {
                System.out.println("Student's Current Courses: The student isn't enrolled in any courses");
            }
            System.out.println("Student's Current Balance: $" + student.getTuition());
            System.out.println("----------------------------------------------------");
        }

    }

    public static void main(String[] args)
    {
        try {
            int size;
            Scanner keyboard = new Scanner(System.in);
            System.out.println("Please enter the number of students you wish to add to the system");
            size = keyboard.nextInt();
            keyboard.nextLine();

            Student[] students = new Student[size];
            Student student;
            String firstName = "";
            String lastName = "";

            for (int i = 0; i < size; i++)
            {
                student = new Student(firstName, lastName);
```

```java
            students[i] = student;

            System.out.println("Please enter your first name for Student ");
            firstName = keyboard.nextLine();
            student.setFirstName(firstName);

            System.out.println("Please enter your last name");
            lastName = keyboard.nextLine();
            student.setLastName(lastName);

            student.makeID();
            student.addCourses();
            student.payForCourses();

            if (i == size - 1)
                student.displayInfo(students);
        }
    } catch (NegativeArraySizeException e)
    {
        System.out.println("You can't use a negative number for size");

    }
}
}
```

OUTPUT

```
C:\Users\YESHA\Desktop\java folder\project Screenshots\Course Deatils>javac Student.java

C:\Users\YESHA\Desktop\java folder\project Screenshots\Course Deatils>java Student
Please enter the number of students you wish to add to the system
1
Please enter your first name for Student
yesha
Please enter your last name
Shah
Enter your school year 1. Freshman, 2. Sophomore, 3.Junior and 4. Senior
1
Do you want to add any courses? yes or no
yes
Which classes would you like to add now? Please choose from the following selection. Choose the number for the courses
1. History 101
2. Mathematics 101
3. English 101
4. Chemistry 101
5. Computer Science 101
3
Do you want to add any more courses?
yes
Which classes would you like to add now? Please choose from the following selection. Choose the number for the courses
1. History 101
2. Mathematics 101
3. English 101
4. Chemistry 101
5. Computer Science 101
5
Do you want to add any more courses?
no
Your current balance is $1200
Do you want pay off you balance right now
yes
How much would you like to pay right now
600
Your current balance is $600.00
Do you want pay off you balance right now
no
Student Name: yesha Shah
Student ID: 1xAvJ
Student's Current Courses:[English 101, Computer Science 101]
Student's Current Balance: $600.00
--------------------------------------------------------

C:\Users\YESHA\Desktop\java folder\project Screenshots\Course Deatils>
```

● TIME-TABLE DETAILS CODE

```
time_table_details - Notepad
File  Edit  Format  View  Help
import java.util1.*;
class time_table_details
{

void set_sem1()
{
System.out.println("                    time table (sem 1)");
System.out.println("time        monday    tuesday    wedenday    thursday    friday");
System.out.println("7:25 to 8:20    A.E.M    A.E.M    D.S.    LAB    LAB");
System.out.println("8:20 to 9:15    O.O.P    O.O.P    D.S.    LAB    LAB");
System.out.println("9:30 to 10:15    LAB    LAB    D.S.    LAB    LAB");
System.out.println("10:15 to 11:05    D.B.M.S    LAB    D.S.    LAB    LAB");
System.out.println("11:30 to 12:45    LAB    D.S.    D.S.    LAB    LAB");
System.out.println("12:45 to 1:10    D.S.    LAB    D.S.    LAB    LAB");
}
void set_sem2()
{
System.out.println("                    time table (sem 2)");
System.out.println("time        monday    tuesday    wedenday    thursday    friday");
System.out.println("7:25 to 8:20    A.E.M    A.E.M    D.S.    LAB    LAB");
System.out.println("8:20 to 9:15    O.O.P    O.O.P    D.S.    LAB    LAB");
System.out.println("9:30 to 10:15    LAB    LAB    D.S.    LAB    LAB");
System.out.println("10:15 to 11:05    D.B.M.S    LAB    D.S.    LAB    LAB");
System.out.println("11:30 to 12:45    LAB    LAB    D.S.    LAB    LAB");
System.out.println("12:45 to 1:10    D.S.    LAB    D.S.    LAB    LAB");
}
void set_sem3()
{
System.out.println("                    time table (sem 3)");
System.out.println("time        monday    tuesday    wedenday    thursday    friday");
System.out.println("7:25 to 8:20    A.E.M    A.E.M    D.S.    LAB    LAB");
System.out.println("8:20 to 9:15    O.O.P    O.O.P    D.S.    LAB    LAB");
System.out.println("9:30 to 10:15    LAB    LAB    D.S.    LAB    LAB");
System.out.println("10:15 to 11:05    D.B.M.S    LAB    D.S.    LAB    LAB");
System.out.println("11:30 to 12:45    LAB    LAB    D.S.    LAB    LAB");
System.out.println("12:45 to 1:10    D.S.    LAB    D.S.    LAB    LAB");
}

    public void time_table(int a)
    {

    System.out.println("\t\t#################################################");
    System.out.println("\t\t#              TIME TABLE              #");
    System.out.println("\t\t#################################################\n\n");
    if(a==1)
    set_sem1();
    if(a==2)
    set_sem2();
    if(a==3)
    set_sem3();
    }
    public static void main(String s[])
    {
        int choice;
        System.out.println("Enter the Semester: ");
        Scanner sc = new Scanner(System.in);
        choice = sc.nextInt();
        time_table_details ss = new time_table_details();
        ss.time_table(choice);
    }

}
```

Ln 57, Col 25   50%   Unix (LF)   UTF-8

OUTPUT

```
C:\YJava>javac time_table_details.java

C:\YJava>java time_table_details
Enter the Semester:
1
              ##################################################
              #              TIME TABLE                        #
              ##################################################


                      time table (sem 1)
        time            monday      tuesday    wedenday    thursday    friday
        7:25 to 8:20    A.E.M       A.E.M      D.S.        LAB         LAB
        8:20 to 9:15    O.O.P       O.O.P      D.S.        LAB         LAB
        9:30 to 10:15   LAB         LAB        D.S.        LAB         LAB
        10:15 to 11:05  D.B.M.S     LAB        D.S.        LAB         LAB
        11:30 to 12:45  LAB         D.S.       D.S.        LAB         LAB
        12:45 to 1:10   D.S.        LAB        D.S.        LAB         LAB

C:\YJava>javac time_table_details.java

C:\YJava>java time_table_details
Enter the Semester:
2
              ##################################################
              #              TIME TABLE                        #
              ##################################################


                      time table (sem 2)
        time            monday      tuesday    wedenday    thursday    friday
        7:25 to 8:20    A.E.M       A.E.M      D.S.        LAB         LAB
        8:20 to 9:15    O.O.P       O.O.P      D.S.        LAB         LAB
        9:30 to 10:15   LAB         LAB        D.S.        LAB         LAB
        10:15 to 11:05  D.B.M.S     LAB        D.S.        LAB         LAB
        11:30 to 12:45  LAB         LAB        D.S.        LAB         LAB
        12:45 to 1:10   D.S.        LAB        D.S.        LAB         LAB
```

```
C:\YJava>javac time_table_details.java

C:\YJava>java time_table_details
Enter the Semester:
3
              ##################################################
              #              TIME TABLE                        #
              ##################################################


                      time table (sem 3)
        time            monday      tuesday    wedenday    thursday    friday
        7:25 to 8:20    A.E.M       A.E.M      D.S.        LAB         LAB
        8:20 to 9:15    O.O.P       O.O.P      D.S.        LAB         LAB
        9:30 to 10:15   LAB         LAB        D.S.        LAB         LAB
        10:15 to 11:05  D.B.M.S     LAB        D.S.        LAB         LAB
        11:30 to 12:45  LAB         LAB        D.S.        LAB         LAB
        12:45 to 1:10   D.S.        LAB        D.S.        LAB         LAB

C:\YJava>
```

● HOSTEL DETAILS CODE

```java
import java.util.*;

class hosteldetails
{
    Scanner sc=new Scanner(System.in);

    int city;

    int a;

    int b;

    void heading()
    {
        System.out.println("\t\t\t\t\t\t**********Hostel Details**********");
        System.out.println("\t\t\t\t\t\t*                    *");

        System.out.println("\t\t\t\t\t\t*                    *");

        System.out.println("\t\t\t\t\t\t*                    *");

        System.out.println("\t\t\t\t\t\t*********************************");
    }
    void info()
    {
         System.out.println("Hostel facility is available in..");

        System.out.println("1) Ranip");

        System.out.println("2) Gota");

        System.out.println("At which place you are willing to avail the facitlity of Hostel");

        city=sc.nextInt();

        take();
    }
    void take()
    {
```

```java
            if(city==1)

            {

                    ranip();

            }

        else if(city==2)

            {

                    gota();

            }

            else

            {

                    System.out.println("Please choose the correct option");

                    info();

            }

   }
   void ranip()

   {

            System.out.println("You have selected Ranip");

            System.out.println("Do you want AC or Non AC");

        System.out.println("For AC press 1");

            System.out.println("For Non AC press 2");

            a=sc.nextInt();

            showrout();

   }

   void showrout()

   {

            if(a==1)

            {
```

```java
                System.out.println("Rent=5000");

                System.out.println("Maximum Sharing=4");

                System.out.println("Food Facility=Available");

                System.out.println("Laundry=extra charge(monthly=Rs.350)");

         }

       else if(a==2)

      {

                System.out.println("Rent=4000");

                System.out.println("Maximum Sharing=4");

                System.out.println("Food Facility=Available");

                System.out.println("Laundry=extra charge(monthly=Rs.350)");

       }

       else

      {

                System.out.println("Please choose correct option");

                ranip();

       }

  }

 void gota()

 {

        System.out.println("You have selected Gota");

     System.out.println("Do you want AC or Non AC");

     System.out.println("For AC press 1");

     System.out.println("For Non AC press 2");

     b=sc.nextInt();

     showgout();
```

```java
    }
 void showgout()
{
     if(b==1)
     {
            System.out.println("Rent=5500");
        System.out.println("Maximum Sharing=4");
            System.out.println("Food Facility=Available");
        System.out.println("Laundry=extra charge(monthly=Rs.350)");
        }
     else if(b==2)
     {
        System.out.println("Rent=4500");

        System.out.println("Maximum Sharing=4");

        System.out.println("Food Facility=Available");

        System.out.println("Laundry=extra charge(monthly=Rs.350)");

     }
        else
        {
         System.out.println("Please choose correct option");
            gota();
        }
 }
 public static void main(String args[])
{
        hosteldetails hd=new hosteldetails();
     hd.heading();
```

```
        hd.info();

    }

}
```

OUTPUT

```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.17134.1006]
(c) 2018 Microsoft Corporation. All rights reserved.

E:\3 sem\OOP LAB\JAVA PROJECT>javac hosteldetails.java

E:\3 sem\OOP LAB\JAVA PROJECT>java hosteldetails
                                                **********Hostel Details**********
                                                *                                *
                                                *                                *
                                                *                                *
                                                **********************************
Hostel facility is available in..
1) Ranip
2) Gota
At which place you are willing to avail the facitlity of Hostel
1
You have selected Ranip
Do you want AC or Non AC
For AC press 1
For Non AC press 2
1
Rent=5000
Maximum Sharing=4
Food Facility=Available
Laundry=extra charge(monthly=Rs.350)
```

```
C:\Windows\System32\cmd.exe

E:\3 sem\OOP LAB\JAVA PROJECT>java hosteldetails
                                                **********Hostel Details**********
                                                *                                *
                                                *                                *
                                                *                                *
                                                **********************************
Hostel facility is available in..
1) Ranip
2) Gota
At which place you are willing to avail the facitlity of Hostel
2
You have selected Gota
Do you want AC or Non AC
For AC press 1
For Non AC press 2
2
Rent=4500
Maximum Sharing=4
Food Facility=Available
Laundry=extra charge(monthly=Rs.350)

E:\3 sem\OOP LAB\JAVA PROJECT>
```

EXPLANATION ABOUT PROJECT:

This project basically has 5 modules:

1. <u>Login Page</u>: it is used for to login the particular student.

2. <u>Staff Details</u>: it keeps the information of the faculties and other staff members.

3. <u>Course Details</u>: shows the information about course selection i.e. which course is to be selected by the student.

4. <u>Time Table Details</u>: It is used to show the time table with day and time for the student and faculties both.

5. <u>Hostel Details</u>: provide information about hostel for both boys and girls at different palces.

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CONCLUSION:

1. A better, smart, time efficient and easy to manage alternative of existing ways of managing college/institute record.

2. This project provides a computerized version of college management system which will benefit the students as well as the staff of the College/Institute.