DAV MODEL SCHOOL, DURGAPUR (W.B)

ACADEMIC YEAR: 2024-25

PROJECT REPORT ON

STUDENT REPORT CARD GENERATION SYSTEM USING PYTHON AND MYSQL

ROLL NO	**:**	
NAME	**:**	**DIPAYAN MONDAL**
CLASS	**:**	**XII – A1**
SUBJECT	**:**	**COMPUTER SCIENCE**
SUB CODE	**:**	**083**

PROJECT GUIDE: **Mr SATYANARAYAN MAHAPATRA**

PGT (CS)

DAV MODEL SCHOOL, DURGAPUR (W.B)

CERTIFICATE

This is to certify that Master **Dipayan Mondal** Roll No: _______________ has successfully completed the project Work entitled Student Report Card Generation System Using Python and MySQL in the subject Computer Science (083) laid down in the regulations of CBSE for the purpose of SSC Practical Examination in Grade XII.

(Satyanarayan Mahapatra)
PGT Comp Science

Signature of External Examiner:

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ACKNOWLEDGEMENT

Apart from the efforts of me, the success of any project depends largely on the encouragement and guidelines of many others. I take this opportunity to express my gratitude to the people who have been instrumental in the successful completion of this project.

I express my heartfelt gratitude to my parents for constant encouragement while carrying out this project.

I express my deep sense of gratitude to **Ms. Papiya Mukherjee**, **Principal cum RO, DAV Institutions, West Bengal Zone**, who has been continuously motivating and extending her helping hand to us.

My sincere thanks to our guide and Mentor **Mr. Satyanarayan Mahapatra**, who reviewed my project and helped in solving each and every problem, occurred during implementation of the project

The guidance and support received from all the members who contributed and who are contributing to this project, was vital for the success of the project. I am grateful for their constant support and help.

……………………………

(Signature of Student)

Name: DIPAYAN MONDAL

Roll No.: _______________

Student Report Card Generation System Using Python and MySQL

INTRODUCTION

The *Student Report Card Generation System Using Python and MySQL* is designed to streamline the process of report card creation by integrating GUI elements, database management, and PDF generation. The project fetches student data from a MySQL database, processes the data for grading and remarks, and generates a formatted PDF report card. This project demonstrates practical applications of Python programming, GUI design with Tkinter, and data management with MySQL.

OBJECTIVES OF THE PROJECT

The objective of this project is to let the students apply the programming knowledge into a real- world situation/problem and exposed the students how programming skills helps in developing a good software.

- Write programs utilizing modern software tools.
- Apply object oriented programming principles effectively when developing small to medium sized projects.
- Write effective procedural code to solve small to medium sized problems.
- Students will demonstrate a breadth of knowledge in computer science, as exemplified in the areas of systems, theory and software development.
- Students will demonstrate ability to conduct a research or applied Computer Science project, requiring writing and presentation skills which exemplify scholarly style in computer science.

SYSTEM DEVELOPMENT LIFE CYCLE (SDLC)

The SDLC phases for this project include:

1. **Planning**: Identifying project scope and requirements for report card generation.
2. **Design**: Creating a blueprint of the GUI, database schema, and PDF layout.
3. **Development**: Coding the Tkinter interface, MySQL integration, and PDF generation logic.
4. **Testing**: Verifying data accuracy, PDF layout, and usability of the GUI.
5. **Implementation**: Deploying the application on a local system.
6. **Maintenance**: Updating and refining the code for enhanced features or data changes.

HARDWARE AND SOFTWARE REQUIREMENTS

I.OPERATING SYSTEM	:	WINDOWS 7 AND ABOVE
II. PROCESSOR	:	PENTIUM (ANY) OR AMD ATHALON (3800+- 4200+ DUAL CORE)
III. MOTHERBOARD	:	1.845 OR 915,995 FOR PENTIUM 0R MSI K9MM-V VIA K8M800+8237R PLUS CHIPSET FOR AMD ATHALON
IV. RAM	:	512MB+
V. HARD DISK	:	SATA 40 GB OR ABOVE
VIII. MONITOR 14.1 OR 15 -17 INCH		
IX. KEY BOARD AND MOUSE		
X. PRINTER	:	(if print is required – [Hard copy])

SOFTWARE REQUIREMENTS:

- WINDOWS OS
- PYTHON
- MYSQL CONNECTOR MODULE

FLOW CHART

[Start Application]

↓

[Enter Admission Number in GUI]

↓

[Validate Admission Number]

↓

┌──────────┐
│ Invalid │
│ Number │ → Display Error Message and Stop
└──────────┘

↓

[Establish Database Connection]

↓

[Retrieve Student Information]

↓

[Retrieve Marks Data]

↓

[Process Data (Grades, Remarks, Total)]

↓

[Generate PDF Report Card]

↓

[Save PDF to Location]

↓

[Display Success Message]

↓

[Close Database Connection]

↓

[End or New Input]

SOURCE CODE

```
#Importing required modules
from fpdf import FPDF
import mysql.connector as my
import tkinter as tk

# Function to get input text and display it
def show_text():
    # Get the input text from the entry widget
    a = int(entry.get())
    #Database Connection
    root.destroy()
    con=my.connect(host='localhost', user='root', passwd='', database='dipayan')
    cu=con.cursor()

    #Marks List Function Definition
    def marks(a):
        e,p,c,m,cs,pfl=['English'],['Physics'],['Chemistry'],['Maths'],['Computer'],['P.Ed/ FA/
Lib.Sci']
        cu.execute('SELECT * FROM STUDENTS NATURAL JOIN (SELECT * FROM wt1 UNION
ALL SELECT * FROM wt2 UNION ALL SELECT * FROM hy) AS combined_table WHERE
adm={}'.format(a))

        #Adding Marks of various Subjects in their respective lists retrieved from
the database
        for i in cu:
            e.append(i[8])
            p.append(i[9])
            c.append(i[10])
            m.append(i[11])
            cs.append(i[12])
            pfl.append(i[13])

        #Putting all the subject marks list into a single list
        m=[e,p,c,m,cs,pfl]
        return m

    #Student Data retrieving Function Definition
    def stdata(a):
        cu.execute('SELECT * FROM STUDENTS WHERE adm={}'.format(a))
        #Getting the student information according to the Admission Number
entered by user
```

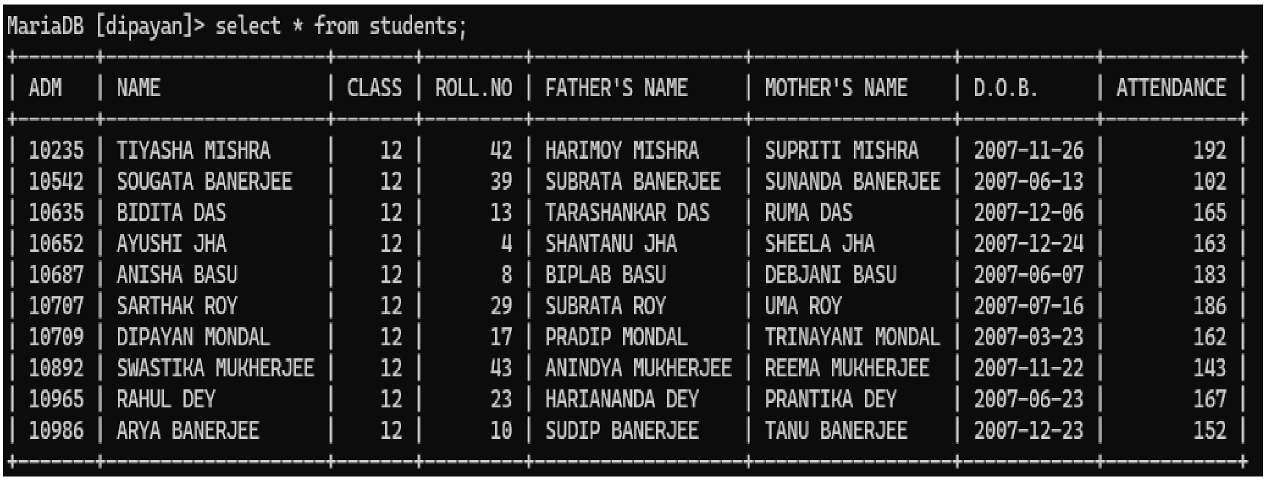
```
    for i in cu:
        a=i
    return a

#Grading Function Definition
def grading_system(mo,tm):
    a=mo/tm*100  #Percentage in the exam

    #Grading system according to percentage obtained
    if a>=91:
        return 'A+'
    elif a>=81 and a<91 :
        return 'A'
    elif a>=71 and a<81 :
        return 'B+'
    elif a>=61 and a<71 :
        return 'B'
    elif a>=51 and a<61 :
        return 'C+'
    elif a>=41 and a<51 :
        return 'C'
    elif a>=31 and a<41 :
        return 'D'
    else:
        return 'F'

#Remark Function Definition
def remarking_system(mo,tm):
    a=mo/tm*100    #Percentage in the exam

    #Remarking system according to percentage obtained
    if a>=91:
        return 'Excellent'
    elif a>=81 and a<91 :
        return 'Very Good'
    elif a>=71 and a<81 :
        return 'Good'
    elif a>=61 and a<71 :
        return 'Satisfactory'
    elif a>=51 and a<61 :
        return 'Average'
    elif a>=41 and a<51 :
        return 'Below Average'
    elif a>=31 and a<41 :
        return 'Needs Improvement'
    else:
            return 'Fail'

    #Main Function Definition as a Class
    class PDF(FPDF):

        #Heading in the Report Card Function Definition
        def header(self):
            #School Details
            self.set_font("Times", "B", 22)
            self.cell(0, 15, "DAV MODEL SCHOOL, DURGAPUR", align="C")
            self.ln(9)

            self.set_font("Times", "", 16)
            self.cell(0, 15, "J.M. SENGUPTA ROAD, B-ZONE, DURGAPUR", align="C")
            self.ln(9)

            self.set_font("Times", "", 12)
            self.cell(0, 15, "DIST.- PASCHIM BARDHAMAN, WEST BENGAL- 713205",
align="C")
            self.ln(9)

            self.set_font("Times", "", 15)
            self.cell(0, 15, 'E-mail- dav@davmodeldurgapur.com', align="C")

            self.set_line_width(0.6)
            self.line(10, 50, 200, 50)
            self.ln(15)

            self.set_font("Times", "BU", 30)
            self.cell(0, 15, "Student Report Card", align="C")
            self.ln(17)

        #Points of Student Information Function Definition
        def student_details(self, adm_no,stu_name, stu_class,
roll_no,f_name,m_name,dob,att):
            self.set_font("Arial", "B", 14)

            #1st line
            self.cell(5, 10, " ")
            self.cell(100, 10, "Admission No: {}H".format(adm_no), align="L")
            self.cell(0, 10, "Name: {}".format(stu_name), ln=True, align="L")

            #2nd line
            self.cell(5, 10, " ")
            self.cell(100, 10, "Class: {}".format(stu_class), align="L")
            self.cell(0, 10, "Roll Number: {}".format(roll_no), ln=True, align="L")
    #3rd line
    self.cell(5, 10, " ")
    self.cell(100, 10, "Father's Name: {}".format(f_name), align="L")
    self.cell(0, 10, "Mother's Name: {}".format(m_name), ln=True, align="L")

    #4th line
    self.cell(5, 10, " ")
    self.cell(100, 10, "D.O.B.: {}".format(dob), align="L")
    self.cell(0, 10, "Attendance: {}/200".format(att), ln=True, align="L")
    self.ln(10)

#Heading of the columns of the marks table Function Definition
def table_header(self):
    self.set_font("Arial", "B", 14)
    self.set_fill_color(255, 230, 204)
    self.cell(48, 8, "Subject", border=1, align="C",fill=True)
    self.set_fill_color(255, 243, 230)
    self.cell(48, 8, "Weekly Test 1", border=1, align="C",fill=True)
    self.cell(48, 8, "Weekly Test 2", border=1, align="C",fill=True)
    self.cell(48, 8, "Half Yearly", border=1, align="C",fill=True)
    self.ln()

#Creating the rows for each Subject Function Definition
def table_row(self, subject_name, wt1, wt2, hy):
    self.set_font("Arial", "B", 14)
    self.set_fill_color(255, 230, 204)
    self.cell(48, 8, subject_name, border=1, align="C",fill=True)
    self.set_font("Arial", "", 12)
    self.cell(48, 8, str(wt1), border=1, align="C")
    self.cell(48, 8, str(wt2), border=1, align="C")
    self.cell(48, 8, str(hy), border=1, align="C")
    self.ln()

#Percentage displaying row Function Definition
def percentage_row(self,wt1,wt2,hy):
    self.set_font("Arial", "B", 14)
    self.set_fill_color(255, 230, 204)
    self.cell(48, 8, 'Percentage', border=1, align="C",fill=True)
    self.set_fill_color(255, 243, 230)
    self.cell(48, 8, str(wt1)+'%', border=1, align="C",fill=True)
    self.cell(48, 8, str(wt2)+'%', border=1, align="C",fill=True)
    self.cell(48, 8, str(hy)+'%', border=1, align="C",fill=True)
    self.ln()

#Grade displaying row Function Definition
def grading_row(self,wt1t,wt2t,hyt):
        self.set_font("Arial", "B", 14)
        self.set_fill_color(255, 230, 204)
        self.cell(48, 8, 'Grade', border=1, align="C",fill=True)
        self.set_fill_color(255, 243, 230)
        self.cell(48, 8, grading_system(wt1t,150), border=1, align="C",fill=True)
        self.cell(48, 8, grading_system(wt2t,150), border=1, align="C",fill=True)
        self.cell(48, 8, grading_system(hyt,600), border=1, align="C",fill=True)
        self.ln()

    #Remarks displaying row Function Definition
    def remarking_row(self,wt1t,wt2t,hyt):
        self.set_font("Arial", "B", 14)
        self.set_fill_color(255, 230, 204)
        self.cell(48, 8, 'Remarks', border=1, align="C",fill=True)
        self.set_fill_color(255, 243, 230)
        self.cell(48, 8, remarking_system(wt1t,150), border=1, align="C",fill=True)
        self.cell(48, 8, remarking_system(wt2t,150), border=1, align="C",fill=True)
        self.cell(48, 8, remarking_system(hyt,600), border=1, align="C",fill=True)
        self.ln()

    #Teacher's Remarks
    def teacher_remark(self,n):
        import random
        l=["{} consistently demonstrates enthusiasm for learning and active participation.",
         "{} displays a positive attitude and works well with classmates.",
         "{} shows steady improvement and puts in great effort daily.",
         "{} is a responsible student who completes assignments on time.",
         "{} has a curious mind and enjoys exploring new topics.",
         "{} is dependable and maintains focus during classroom activities.",
         "{} collaborates effectively and brings creative ideas to discussions.",
         "{} is attentive in class and shows good organizational skills.",
         "{} participates regularly and remains engaged throughout lessons.",
         "{} completes work diligently and approaches tasks thoughtfully."]
        r=random.randint(0,len(l)-1)
        self.cell(48, 10, ")
        self.ln(10)

        self.set_fill_color(255, 230, 204)
        self.set_font("Arial", "BU", 14)
        self.cell(192, 10, "Teacher's Remark", border=1, ln=True, align="C",fill=True)
        self.set_font("Arial", "", 12)
        self.cell(192, 10, l[r].format(n.split()[0].title()), border=1, ln=True, align="C")
        self.ln()
        #Watermark
        self.image(r"C:\Users\dipay\OneDrive\Documents\CS-Project\DAV-wm(1).png", 22,
70, 170, 170)

    #Signature Blocks
```

```
        def signature_block(self):
            self.set_font("Arial", "BU", 14)
            self.cell(45, 15, align="C")
            self.cell(51, 15, border=1, align="C")
            self.cell(51, 15, border=1, align="C")
            self.ln()

            self.set_fill_color(255, 230, 204)
            self.cell(45, 8, align="C")
            self.cell(51, 8, "Parent's Signature", border=1, align="C", fill=True)
            self.cell(51, 8, "Pricipal's Signature", border=1, align="C", fill=True)

            #Ending lines
            self.set_line_width(1)
            self.line(10, 280, 200, 280)
            self.line(10, 282, 200, 282)

    #Report Card Creation Function Definition
    def generate_report_card(student_data, marks_data,name, pdf_filename):
        global wt1t
        global wt2t
        global hyt
        wt1t=0
        wt2t=0
        hyt=0
        pdf = PDF()
        pdf.add_page()

        #CBSE and DAV Logos
        pdf.image(r"C:\Users\dipay\OneDrive\Documents\CS-Project\CBSE.png",  x=5, y=10,
w=30, h=35)
        pdf.image(r"C:\Users\dipay\OneDrive\Documents\CS-Project\DAV  Top.jpg",  x=175,
y=10,  w=32, h=35)

        #Pricipal Mam's Signature
        pdf.image(r"C:\Users\dipay\OneDrive\Documents\CS-Project\P  Sign.jpg",  x=110,
y=246,  w=40, h=15)

        # Add student details
        adm_no,stu_name, stu_class, roll_no,f_name,m_name,dob,att = student_data
        pdf.student_details(adm_no,stu_name, stu_class,
roll_no,f_name,m_name,dob,att)


        # Add table header
        pdf.table_header()
        # Add marks data
        for subject_name, wt1, wt2, hy in marks_data:
            pdf.table_row(subject_name, wt1, wt2, hy)
            wt1t+=wt1
            wt2t+=wt2
            hyt+=hy

        #Calling the functions created for the marks evaluation
        pdf.table_row('Total',wt1t,wt2t,hyt)
        pdf.percentage_row(round(wt1t*2/3,2),round(wt2t*2/3,2),round(hyt/6,2))
        pdf.grading_row(wt1t,wt2t,hyt)
        pdf.remarking_row(wt1t,wt2t,hyt)
        pdf.teacher_remark(name)
        pdf.signature_block()

        #Saving the PDF to a file along with error handling
        try:
            pdf.output(pdf_filename)
            print('Report Card ready at {}'.format(pdf_filename))
        except Exception as e:
            print(f"Error generating PDF: {e}")

    #Getting list of Admission numbers
    cu.execute("Select * from students")
    l=[]
    for i in cu:
        l.append(i[0])

    #Creating Report Card using all the above created functions by taking input
from the user
    #a=int(input("Enter Admission Number"))

    #Sending data to respective functions and finally saving the pdf
    if a in l:
        marks_data = marks(a)
        student_data = stdata(a)
        f = student_data[1] + '.pdf'
        pdf_filename=r"C:\Users\dipay\Downloads\{}".format(f)
        generate_report_card(student_data, marks_data,f, pdf_filename)
    else:
        print('Admission number not found')

    cu.close()
    con.close()
# Create the main application  window
root  = tk.Tk()
root.title("Report  Card Generator")
root.geometry("300x200")
```

```
# Create an entry widget for input
entry_label = tk.Label(root, text="Enter Admission Number:")
entry_label.pack(pady=5)

entry = tk.Entry(root, width=30)
entry.pack(pady=5)

# Create a button to trigger the display of input text
submit_button = tk.Button(root, text="Generate", command=show_text)
submit_button.pack(pady=10)

# Create a label to display the output text
output_label = tk.Label(root, text="")
output_label.pack(pady=10)

# Start the GUI event loop
root.mainloop()
```

SQL TABLES USED :-

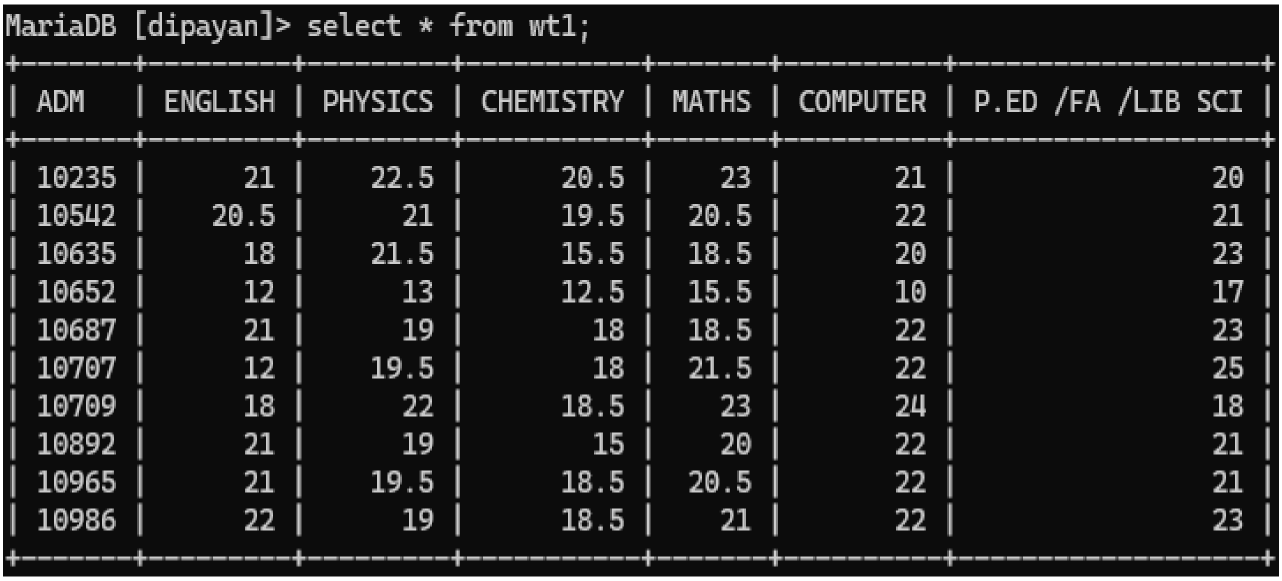
I) STUDENT DETAILS CONTAINING TABLE:-



```
MariaDB [dipayan]> select * from students;
+-------+--------------------+-------+---------+-------------------+------------------+------------+------------+
| ADM   | NAME               | CLASS | ROLL.NO | FATHER'S NAME     | MOTHER'S NAME    | D.O.B.     | ATTENDANCE |
+-------+--------------------+-------+---------+-------------------+------------------+------------+------------+
| 10235 | TIYASHA MISHRA     |    12 |      42 | HARIMOY MISHRA    | SUPRITI MISHRA   | 2007-11-26 |        192 |
| 10542 | SOUGATA BANERJEE   |    12 |      39 | SUBRATA BANERJEE  | SUNANDA BANERJEE | 2007-06-13 |        102 |
| 10635 | BIDITA DAS         |    12 |      13 | TARASHANKAR DAS   | RUMA DAS         | 2007-12-06 |        165 |
| 10652 | AYUSHI JHA         |    12 |       4 | SHANTANU JHA      | SHEELA JHA       | 2007-12-24 |        163 |
| 10687 | ANISHA BASU        |    12 |       8 | BIPLAB BASU       | DEBJANI BASU     | 2007-06-07 |        183 |
| 10707 | SARTHAK ROY        |    12 |      29 | SUBRATA ROY       | UMA ROY          | 2007-07-16 |        186 |
| 10709 | DIPAYAN MONDAL     |    12 |      17 | PRADIP MONDAL     | TRINAYANI MONDAL | 2007-03-23 |        162 |
| 10892 | SWASTIKA MUKHERJEE |    12 |      43 | ANINDYA MUKHERJEE | REEMA MUKHERJEE  | 2007-11-22 |        143 |
| 10965 | RAHUL DEY          |    12 |      23 | HARIANANDA DEY    | PRANTIKA DEY     | 2007-06-23 |        167 |
| 10986 | ARYA BANERJEE      |    12 |      10 | SUDIP BANERJEE    | TANU BANERJEE    | 2007-12-23 |        152 |
+-------+--------------------+-------+---------+-------------------+------------------+------------+------------+
```

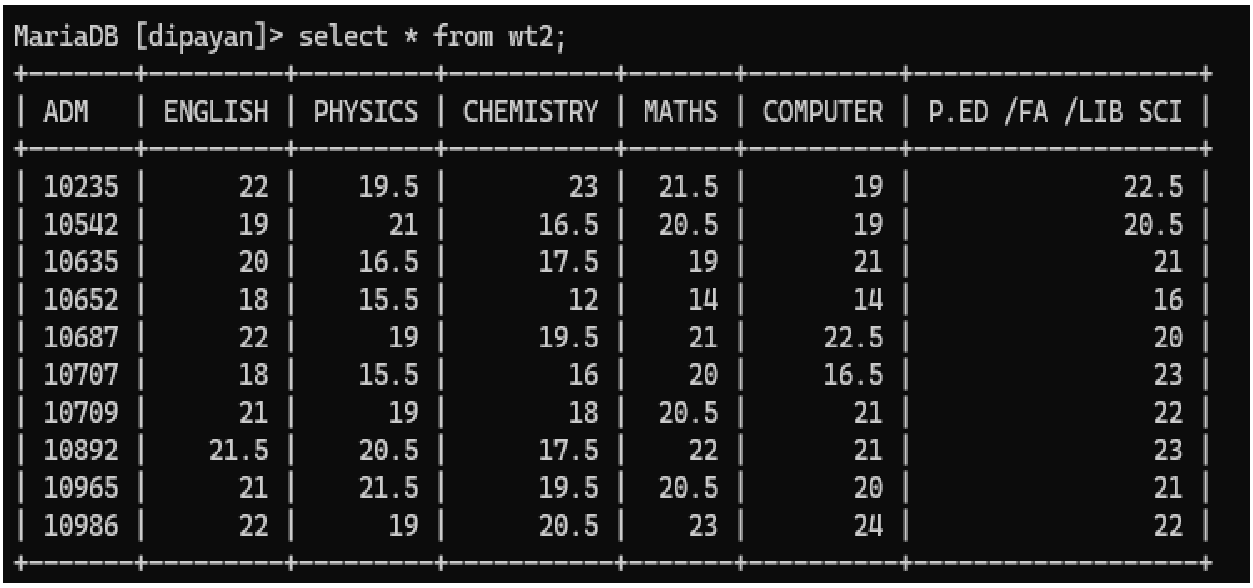
2) MARKS OF EACH EXAMS CONDUCTED IN RESPECTIVE TABLES:-

I) WEEKLY TEST 1-



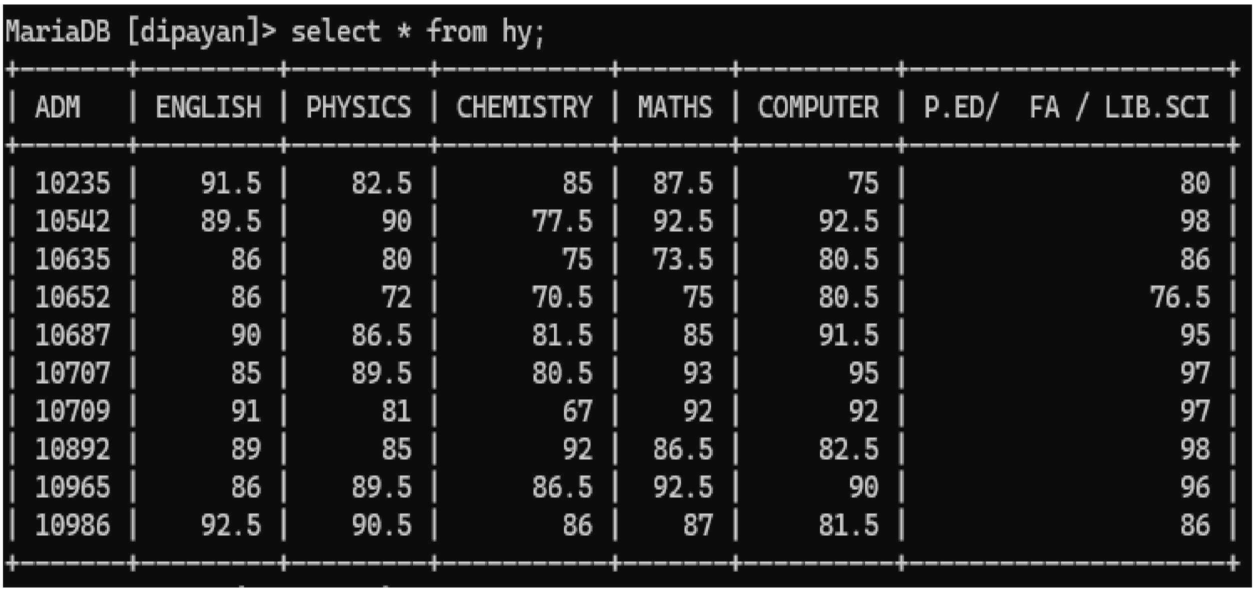
```
MariaDB [dipayan]> select * from wt1;
+-------+---------+---------+-----------+-------+----------+-------------------+
| ADM   | ENGLISH | PHYSICS | CHEMISTRY | MATHS | COMPUTER | P.ED /FA /LIB SCI |
+-------+---------+---------+-----------+-------+----------+-------------------+
| 10235 |      21 |    22.5 |      20.5 |    23 |       21 |                20 |
| 10542 |    20.5 |      21 |      19.5 |  20.5 |       22 |                21 |
| 10635 |      18 |    21.5 |      15.5 |  18.5 |       20 |                23 |
| 10652 |      12 |      13 |      12.5 |  15.5 |       10 |                17 |
| 10687 |      21 |      19 |        18 |  18.5 |       22 |                23 |
| 10707 |      12 |    19.5 |        18 |  21.5 |       22 |                25 |
| 10709 |      18 |      22 |      18.5 |    23 |       24 |                18 |
| 10892 |      21 |      19 |        15 |    20 |       22 |                21 |
| 10965 |      21 |    19.5 |      18.5 |  20.5 |       22 |                21 |
| 10986 |      22 |      19 |      18.5 |    21 |       22 |                23 |
+-------+---------+---------+-----------+-------+----------+-------------------+
```

II) WEEKLY TEST 2-



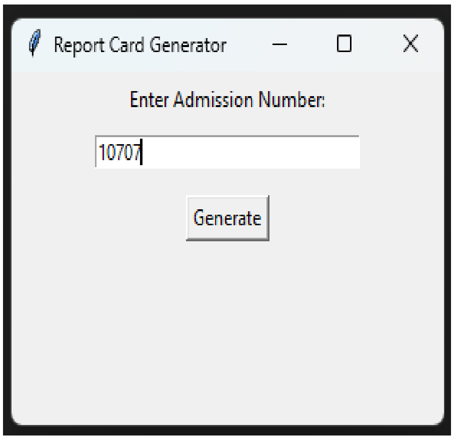
```
MariaDB [dipayan]> select * from wt2;
+-------+---------+---------+-----------+-------+----------+-------------------+
| ADM   | ENGLISH | PHYSICS | CHEMISTRY | MATHS | COMPUTER | P.ED /FA /LIB SCI |
+-------+---------+---------+-----------+-------+----------+-------------------+
| 10235 |      22 |    19.5 |        23 |  21.5 |       19 |              22.5 |
| 10542 |      19 |      21 |      16.5 |  20.5 |       19 |              20.5 |
| 10635 |      20 |    16.5 |      17.5 |    19 |       21 |                21 |
| 10652 |      18 |    15.5 |        12 |    14 |       14 |                16 |
| 10687 |      22 |      19 |      19.5 |    21 |     22.5 |                20 |
| 10707 |      18 |    15.5 |        16 |    20 |     16.5 |                23 |
| 10709 |      21 |      19 |        18 |  20.5 |       21 |                22 |
| 10892 |    21.5 |    20.5 |      17.5 |    22 |       21 |                23 |
| 10965 |      21 |    21.5 |      19.5 |  20.5 |       20 |                21 |
| 10986 |      22 |      19 |      20.5 |    23 |       24 |                22 |
+-------+---------+---------+-----------+-------+----------+-------------------+
```

III) HALF YEARLY-



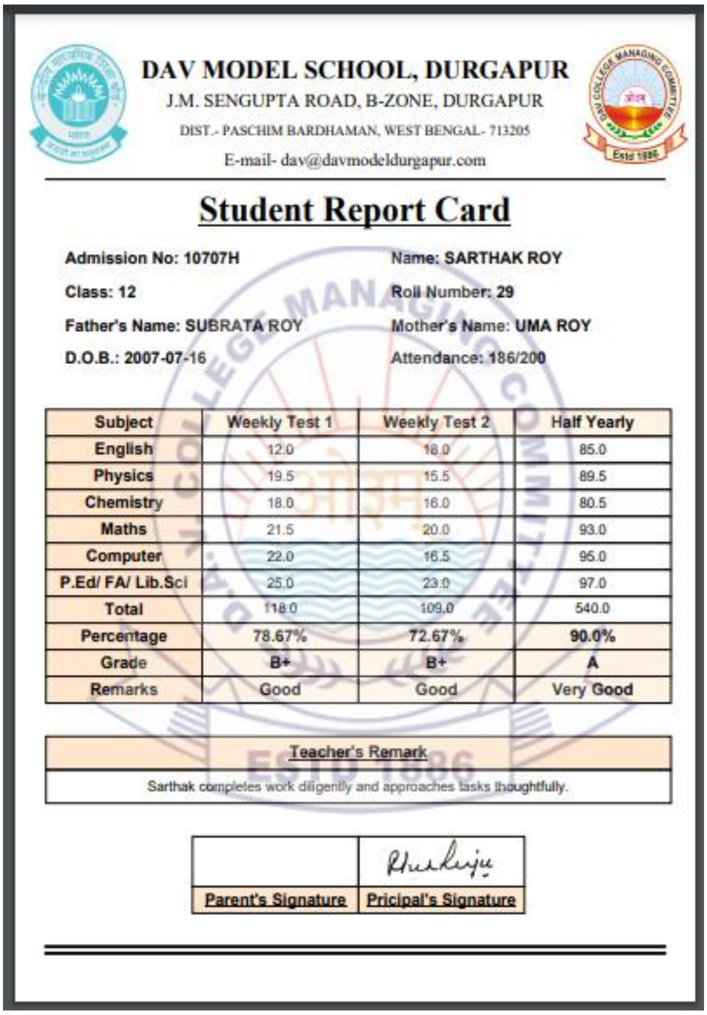
```
MariaDB [dipayan]> select * from hy;
+-------+---------+---------+-----------+-------+----------+---------------------+
| ADM   | ENGLISH | PHYSICS | CHEMISTRY | MATHS | COMPUTER | P.ED/  FA / LIB.SCI |
+-------+---------+---------+-----------+-------+----------+---------------------+
| 10235 |    91.5 |    82.5 |        85 |  87.5 |       75 |                  80 |
| 10542 |    89.5 |      90 |      77.5 |  92.5 |     92.5 |                  98 |
| 10635 |      86 |      80 |        75 |  73.5 |     80.5 |                  86 |
| 10652 |      86 |      72 |      70.5 |    75 |     80.5 |                76.5 |
| 10687 |      90 |    86.5 |      81.5 |    85 |     91.5 |                  95 |
| 10707 |      85 |    89.5 |      80.5 |    93 |       95 |                  97 |
| 10709 |      91 |      81 |        67 |    92 |       92 |                  97 |
| 10892 |      89 |      85 |        92 |  86.5 |     82.5 |                  98 |
| 10965 |      86 |    89.5 |      86.5 |  92.5 |       90 |                  96 |
| 10986 |    92.5 |    90.5 |        86 |    87 |     81.5 |                  86 |
+-------+---------+---------+-----------+-------+----------+---------------------+
```

OUTPUTS:



Enter Admission Number:

10707



DAV MODEL SCHOOL, DURGAPUR
J.M. SENGUPTA ROAD, B-ZONE, DURGAPUR
DIST.- PASCHIM BARDHAMAN, WEST BENGAL- 713205
E-mail- dav@davmodeldurgapur.com

Student Report Card

Admission No: 10707H

Name: SARTHAK ROY

Class: 12

Roll Number: 29

Father's Name: SUBRATA ROY

Mother's Name: UMA ROY

D.O.B.: 2007-07-16

Attendance: 186/200

Subject	Weekly Test 1	Weekly Test 2	Half Yearly
English	12.0	18.0	85.0
Physics	19.5	15.5	89.5
Chemistry	18.0	16.0	80.5
Maths	21.5	20.0	93.0
Computer	22.0	16.5	95.0
P.Ed/ FA/ Lib.Sci	25.0	23.0	97.0
Total	118.0	109.0	540.0
Percentage	78.67%	72.67%	90.0%
Grade	B+	B+	A
Remarks	Good	Good	Very Good

Teacher's Remark
Sarthak completes work diligently and approaches tasks thoughtfully.

Parent's Signature	Pricipal's Signature

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Report Card ready at C:\Users\dipay\Downloads\SARTHAK ROY.pdf
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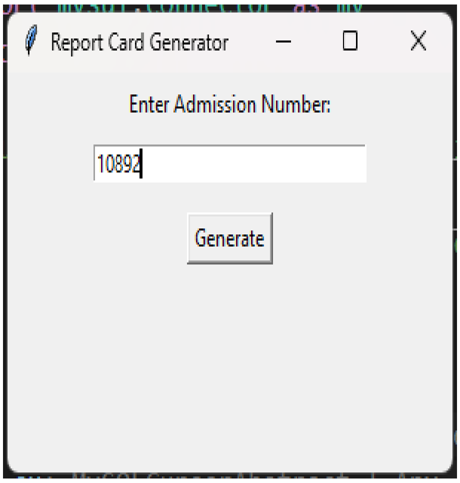
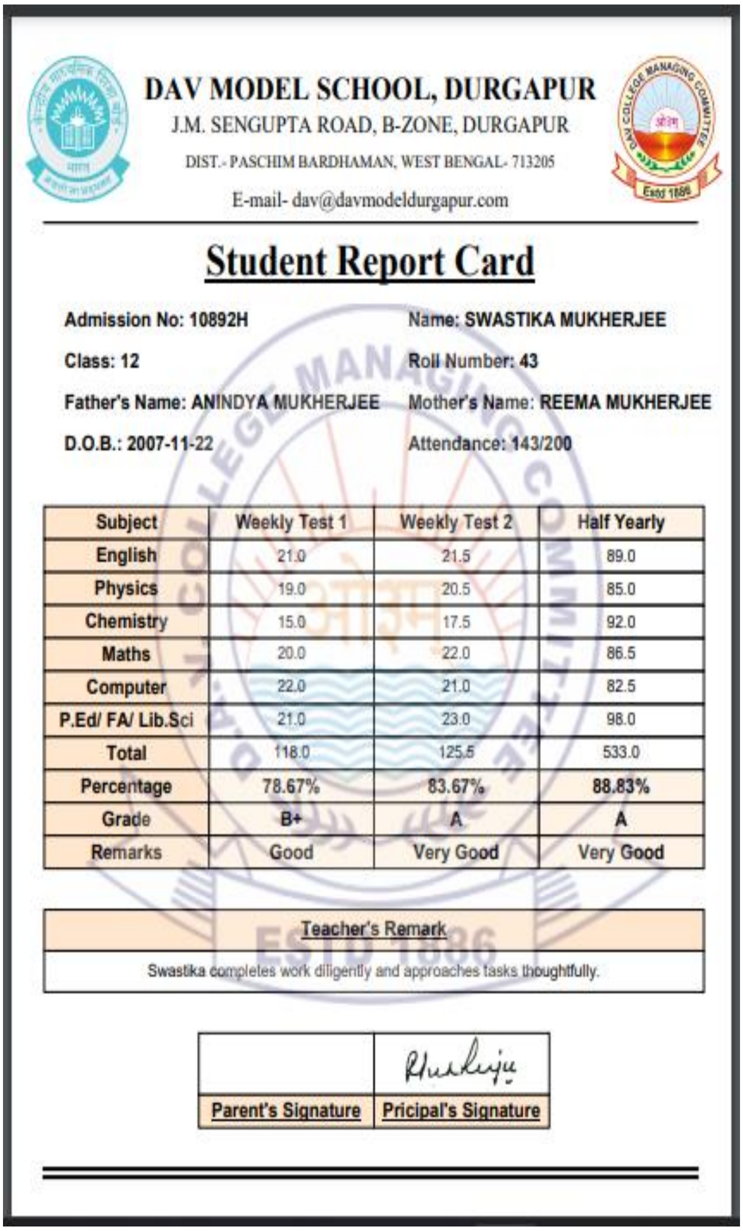


Report Card Generator

Enter Admission Number:

10892



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DIST.- PASCHIM BARDHAMAN, WEST BENGAL- 713205
E-mail- dav@davmodeldurgapur.com

Student Report Card

Admission No: 10892H

Name: SWASTIKA MUKHERJEE

Class: 12

Roll Number: 43

Father's Name: ANINDYA MUKHERJEE

Mother's Name: REEMA MUKHERJEE

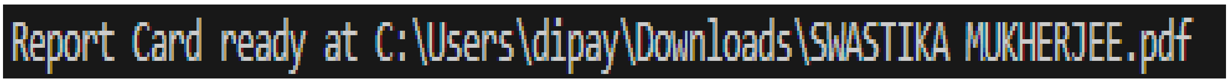
D.O.B.: 2007-11-22

Attendance: 143/200

Subject	Weekly Test 1	Weekly Test 2	Half Yearly
English	21.0	21.5	89.0
Physics	19.0	20.5	85.0
Chemistry	15.0	17.5	92.0
Maths	20.0	22.0	86.5
Computer	22.0	21.0	82.5
P.Ed/ FA/ Lib.Sci	21.0	23.0	98.0
Total	118.0	125.5	533.0
Percentage	78.67%	83.67%	88.83%
Grade	B+	A	A
Remarks	Good	Very Good	Very Good

Teacher's Remark
Swastika completes work diligently and approaches tasks thoughtfully.

Parent's Signature	Pricipal's Signature



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Report Card ready at C:\Users\dipay\Downloads\SWASTIKA MUKHERJEE.pdf
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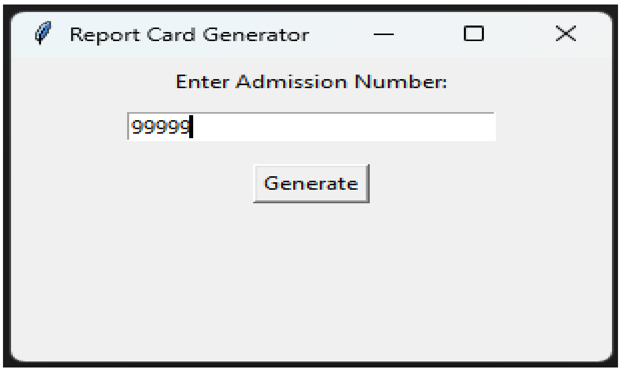
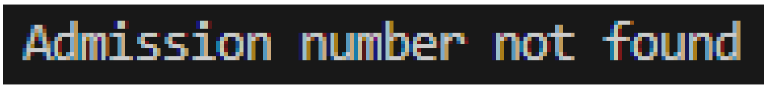


Enter Admission Number: 99999



```
Admission number not found
```

And so on… it GENERATES THE RESPECTIVE REPORT CARDS of the Student of whose the Admission number is entered. It also returns the appropriate message for invalid Input.

BIBLIOGRAPHY

- **Computer science in python XI by– Sumita Arora.**
- **Geeks for geeks**
- **ChatGPT**
- **Black Box AI**
- **With the help of our teachers**