1. The marks obtain by a student in 5 different subjects are input through keyboard. The student gets the division as per the following rules:

Percentage above or equal to 60- first division

Percentage between 50 and 59- second division

Percentage between 40 and 49 – third division

Percentage below 40- fails.

1. Admission to professional course in a college according to following conditions:

Marks in Mathematics are greater than or equal to 60 and marks in physics is greater than or equal to 50 and marks in chemistry is greater than or equal to 40

OR

Total marks in mathematics, physics and chemistry is greater than or equal to 200.

OR

Total marks in mathematics and physics are greater than or equal to 150.

Marks of all three subjects will be entered through the keyboard. WAP to tell whether a student is qualifying for admission or not.

3. Write a program that has following menu:

Enter 1 to find the area of rectangle.

Enter 2 to find the area of circle.

Values for length and width of a rectangle and value of a radius of circle will be entered through keyboard.

4. Write a program that has following menu:

Enter 1 to find out whether the entered number is even or odd.

Enter 2 to find out whether the entered number is positive or negative.

5. WAP that implements the simple calculator that has following menu:

Enter 1 to find the addition of two numbers.

Enter 2 to find the subtraction of two numbers.

Enter 3 to find the multiplication of two numbers.

Enter 4 to find the division of two numbers.

Enter 5 to find the inverse of a number.

Enter 6 to find the square of a number.

Enter 7 to find the cube of a number.

6. Write a program that has following menu:

Enter code w for withdraw.

Enter code d for deposit.

Enter code c for checking balance.

*Note:* You can withdraw an amount only if balance is greater than or equal to 500 and withdrawing amount should be less than balance.