**Assignment-2**

1. WAP to check a given number is even or odd.
2. WAP to find larger number among two numbers.
3. WAP to find the largest number among three numbers using if-else.
4. WAP to find the largest number among three numbers using conditional operator.
5. WAP to take input of character and check it is vowel or consonant.
6. WAP to take input of character and check it is vowel or consonant using switch.
7. WAP to take input of 5 subject marks and display the grade according to table :

|  |  |
| --- | --- |
| Marks Average | Grade |
| >=90 | A+ |
| >=80 and <90 | A |
| >=70 and <80 | B+ |
| >=60 and <70 | B |
| >=50 and <60 | C |
| <50 | Fail |

1. WAP to check whether an input year is a leap year or not.
2. WAP to check whether an input number is single digit, two digit or three digit.
3. WAP to input the age of a candidate and determine whether it is eligible for casting his/her own vote or not.
4. WAP to check whether an input character is an alphabet, digit or special character.
5. WAP to check whether a triangle can be formed by the given value for the angles.
6. WAP to check whether a triangle is Equilateral, Isosceles or Scalene.
7. WAP to print user menu and take input of two numbers and perform operation according to the user choice using switch case.
   1. “+” for addition
   2. “-“ for subtraction
   3. “\*” for multiplication
   4. “/” for division
8. WAP to read weekday number and print weekday name using switch statement.
9. WAP to find number of days in a month using switch statement.
10. WAP to find maximum between two numbers using switch statement.
11. WAP to check whether a number is positive, negative or zero using switch statement.
12. WAP to accept a grade and declare the equivalent description.

|  |  |
| --- | --- |
| Grade | Description |
| E | Excellent |
| V | Very Good |
| G | Good |
| A | Average |
| F | Fail |

1. Create a Menu-Driven Program to compute the area of the various geometrical shape.(like circle, rectangle, rectangle etc)