Assignment 1

1- **Write a program that allow to user enter number then print it**

   Example
   Input: 5
   Output: 5

2- **Write a program that take number from user then print yes if that number can divide by 3 and 4 otherwise print no**
   Example1
   Input: 12 Output Yes
   Example 2
   Input: 9 Output No

3- **Write a program that allows the user to insert 2 integers then print the max**
   Example1
   Input: 3 5
   Output: 5
   Example 2
   Input: 10 7
   Output: 10

4- **Write a program that allows the user to insert an integer then print negative if it is negative number otherwise print positive.**
   Example 1
   Input: -5
   Output negative
   Example2
   Input: 10
   Output positive

5- **Write a program that take 3 integers from user then print the max element and the min element.**

Example 1

Input:7,8,5

Output:

max element = 8

min element = 5

Example2

Input: 3 6 9

Outputs:

Max element = 9

Min element = 3

6- **Write a program that allows the user to insert integer number then check If a number is oven or odd**

7- **Example 1**

Input: 8

Output: even

Example 2

Input: 7

Output: odd

8- **Write a program that take character from user then if it is vowel chars (a,e,I,o,u) then print vowel otherwise print consonant**

Example1

Input: O

Output: vowel

Example 2

Input: b

Output:

Consonant

9- **Write a program that allows user to insert integer then print all numbers between 1 to that's number**

Example Input 5

Output 1, 2, 3, 4, 5

10- Write a program that allows user to insert integer then print a multiplication table up to 12.

Example

Input: 5

Outputs:

5   10 15 20 25 30 35 40 45 50 55 60

11- Write a program that allows to user to insert number then print all even numbers between 1 to this number

Example:

Input: 15

Output: 2 4 6 8 10 12 14

12- Write a program that take two integers then print the power

Example:

Input: 4 3

Output: 64

Hint how to calculate 4^3 = 4 * 4 * 4 =64

12- Write a program to enter marks of five subjects and calculate total, average and percentage.

Example

Input: - Enter Marks of five subjects:

95

76

58

90

89

Output:-.Total marks = 435

Average Marks =87

Percentage =87

13-Write a program to input month number and print number of days in that month.

   Example:

   Input: - Month Number: 1

   Output:-. Days in Month: 31

14- Write a program to input marks of five subjects
      Physics, Chemistry, Biology, Mathematics and Computer
    , Find percentage and grade

Percentage >= 90%: Grad A
Percentage >= 80%: Grad B
Percentage >= 70%: Grad C
Percentage >= 60%: Grad D
Percentage >= 40%: Grad E
Percentage < 40%: Grad F

****************************** **Using switch case********************************

15- Write a program to print total number of days in month

16- Write a program to check whether an alphabet is vowel or consonant

17- Write a program to find maximum between two numbers

18- Write a program to check whether a number is even or odd

19- Write a program to check whether a number is positive or negative or zero

20- Write a program to create Simple Calculator