

# 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

**Example 2**

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 even or odd

**Example 1**

Input: 8

Output: even

**Example 2**

Input: 7

Output: odd

- 7- 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

**Example 1**

Input: O

Output: vowel

**Example 2**

Input: b

Output:

Consonant

- 8- 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

- 9- 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

- 10- 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

- 11- 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  $\geq 90\%$ : Grad A  
Percentage  $\geq 80\%$ : Grad B  
Percentage  $\geq 70\%$ : Grad C  
Percentage  $\geq 60\%$ : Grad D  
Percentage  $\geq 40\%$ : 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