# 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 integer from user then print the max element and the min element.**

**Input 7 8 5**
Output
max element = 8
min element = 5
 Example2
**Input 3 6 9**
Output
Max element = 9
Min element = 3

6- **Write a program that allows the user to insert integer number then 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**
Example1
 **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**
Output
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- Calculate Average of Numbers Using Arrays (assume size=10) For**
**Example 2 4 5 6 7 8 9 10 11 12**
**Output 7.4**

**13- Reverse array in another array**
**For example 2,4,8,6,11**
**Print 11,6,8,4,2**

**14- Create function take an integer then print it .**

**15- Create function take three integers then return the average.**

**16- Create function take an integer then return true if this number is prime otherwise
return false.**

**17- Create function take an array then return summation of its values**

**18- Create function take char and return true if it is vowel char (a,e,I,o,u) otherwise
return false**

**19- Create function take string then return number of vowels(a,o,I,e,u)**

**Example:**
**Input ahmed**
**Output 2**

**20- Create function take string then remove all vowels from it.**
**Example**
**Input "ahmed"**
**Output hmd**