**Assignment (1)**

**1- Write a program that allows the user to enter a number then print it.**

**Example**

Input: 5

Output: 5

**2- Write a program that takes a number from the user then print yes if that number can be divided by 3 and 4 otherwise print no.**

**Example (1)**

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.**

**Example (1)**

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

**Example (2)**

Input: 10

Output: positive

**5- Write a program that takes 3 integers from the user then prints 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 an integer number then check If a number is even or odd.**

**7- Write a program that takes character from the user then if it is a 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

**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 the month number and print the 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, And Calculate percentage and grade.**

**Hint:**

Percentage >= 90%: Grad A

Percentage >= 80%: Grad B

Percentage >= 70%: Grad C

Percentage >= 60%: Grad D

Percentage >= 40%: Grad E

Percentage < 40%: Grad F

**15 - Write a program to check whether a number is positive or negative or zero using Switch.**

**16- Write a program to create a Simple Calculator using Switch.**