

## 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 ask user to insert 3 numbers then print the sum
  - input  
Please enter first number:  
5  
Please enter second number  
3  
Please enter third number  
4
  - output  
Summation of 3 integers is 12
3. write a program that ask user to insert 3 integers then print the average as decimal number
  - input  
Please enter first number:  
6  
Please enter second number  
4  
Please enter third number  
4
  - output  
The average = 4.66667
4. Write a program to compute the perimeter and area of a rectangle. Your code should ask user to insert the width and the height
  - input(example)  
Width = 5  
Height = 3
  - Output  
The perimeter = 16  
The area = 15

5. Write a program to convert specified days into years, weeks and days.
  - Test Data : Number of days : 1329
  - Expected Output :  
Years: 3  
Weeks: 33  
Days: 3
6. 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
7. Write a program that allows the user to insert an integer then print negative if it is a negative number otherwise print positive.
  - Example  
Input -5  
Output negative
  - Example2  
Input 10  
Output positive
8. Write a program that reads 5 numbers and sum of all odd values between them.
  - Test Data :  
Input the first number: 11  
Input the second number: 17  
Input the third number: 13  
Input the fourth number: 12  
Input the fifth number: 5
  - Expected Output:  
Sum of all odd values: 46
9. **Search for Switch Case and use it to** write a program that reads an integer between 1 and 12 and print the month of the year in English.
  - Test Data :  
Input a number between 1 to 12 to get the month name: 8
  - Expected Output:  
August

10. Write a program to convert a given integer (in seconds) to hours, minutes and seconds.
- Test Data :  
Input seconds: 25300
  - Expected Output:  
H:M:S - 7:1:40
11. **Search for ternary operator and use it to** write a program that allows the user to insert integer number then Even or Odd
- Example  
Input 8  
Output even
  - Example 2  
Input 7  
Output odd
12. 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  
Input o  
Output vowel
  - Example 2  
Input b  
Output consonant
13. Write a program that take 3 integer from user then print the max element and the min element.
- Example  
Input 7 8 5  
Output  
max element = 8  
min element = 5
  - Example2  
Input 3 6 9  
Output  
Max element = 9  
Min element = 3