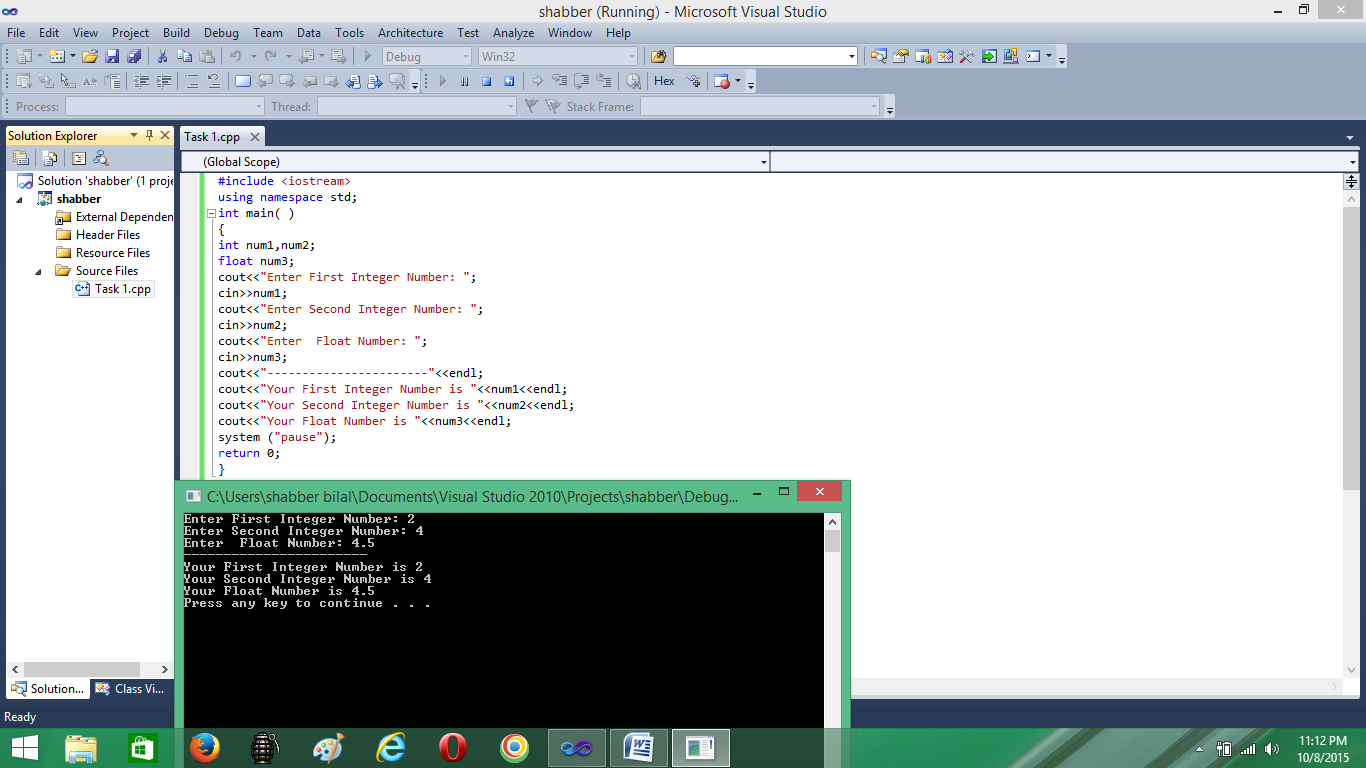
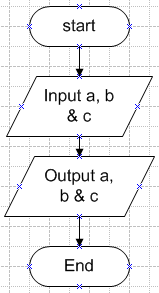
**TASK 1**

**Objective: User Input Flow chart Programming**

Write a program that takes 3 values from user. Two values of integer and one value of float data type.

**Pseudo Code**

Start

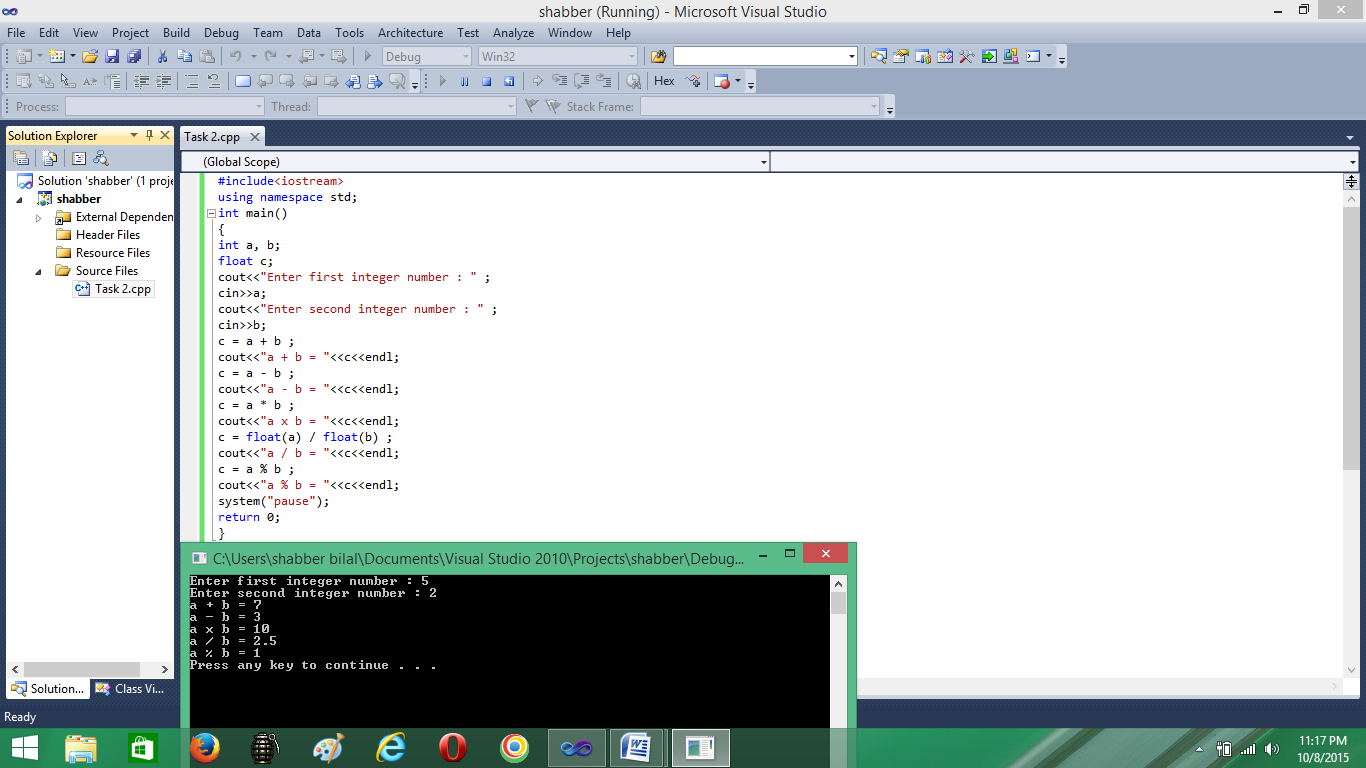
Input a, b & c

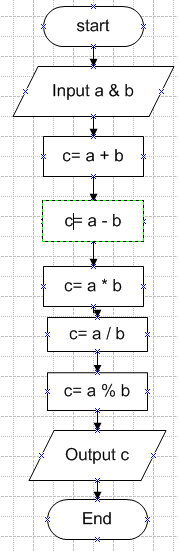
Output a, b & c

End

**TASK 2**

**Objective: Flow chart Programming**

**Arithmetic Operations**

Write a program that gets 2 integers input from user and store them in variables. Do the five basic Arithmetic Operations (+ , - , \*, /, %) of the two numbers. Print the results of operations as below

**Pseudo Code**

Start

Input a & b

c= a+ b

c= a – b

c= a \* b

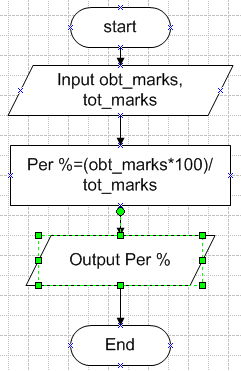
c= a / b

c= a % b

Output c

End

**TASK 3**

** Objective: Percentage Pseudo Code Flow chart**

Write a program that prompt Start

user to input course name, Input obt\_marks, tot\_marks

obtained marks and total marks. Per%=(obt\_marks\*100)/

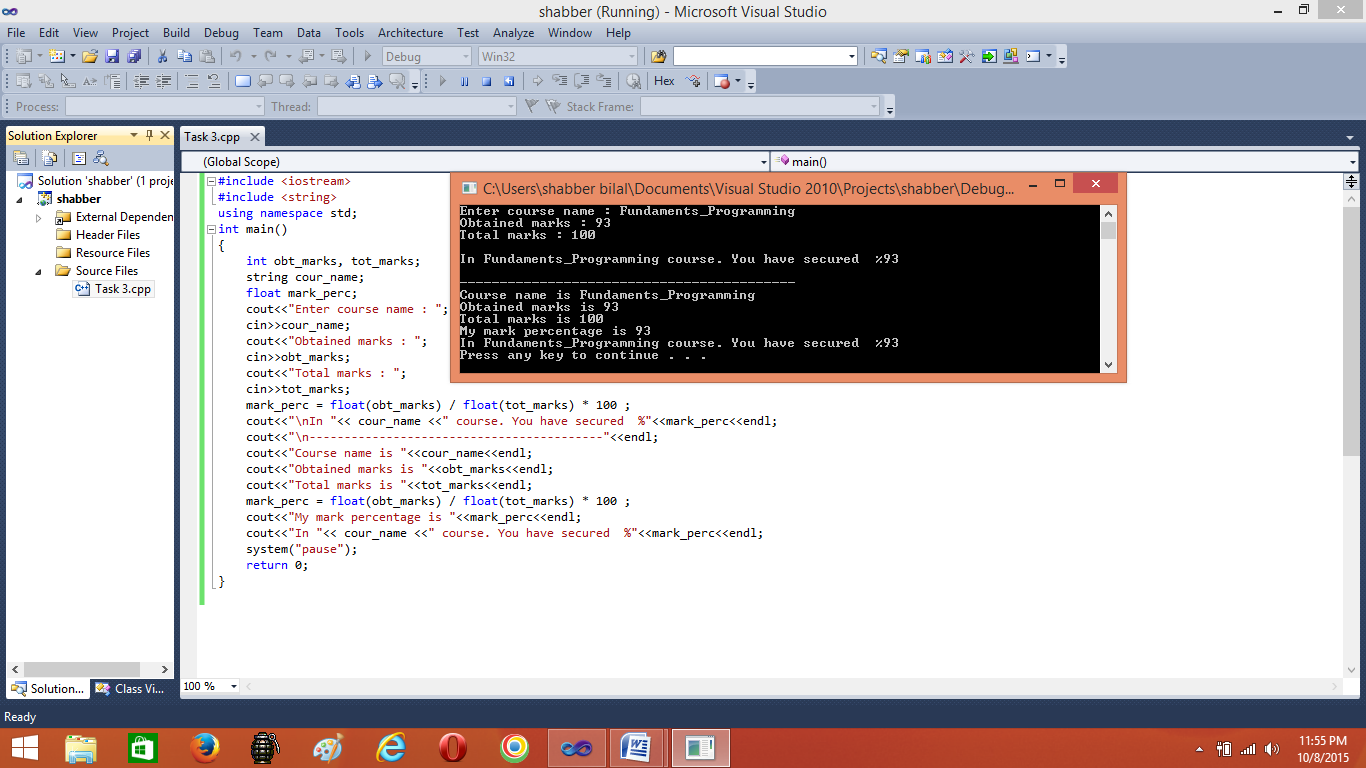
Calculate the percentage using this tot\_marks

formula Output Per%

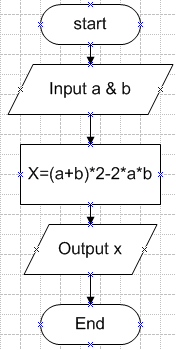
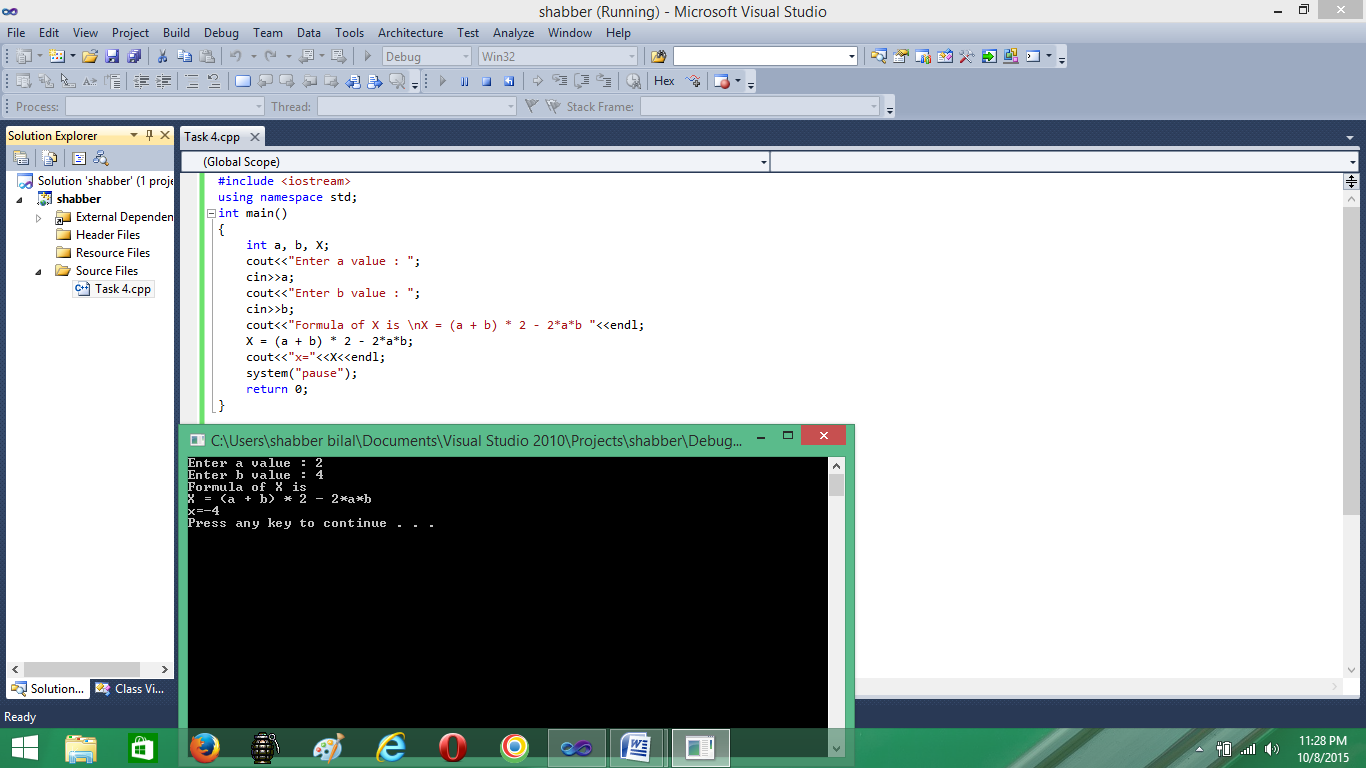
*marks percentage = marks obtained* In Fundaments\_Programming

*/ total \* 100* course. You have secured Per%

and display the results as follows End

** Programming**

**TASK 4**

**Objective: Calculating Value of X Flow chart Programming**

Write a program that finds the value of X by using given formula. Take values of a and b from user.

*X = (a + b)2 – 2ab*

**Pseudo Code**

Start

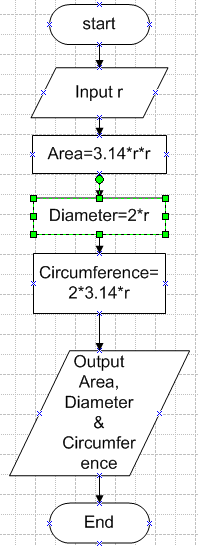
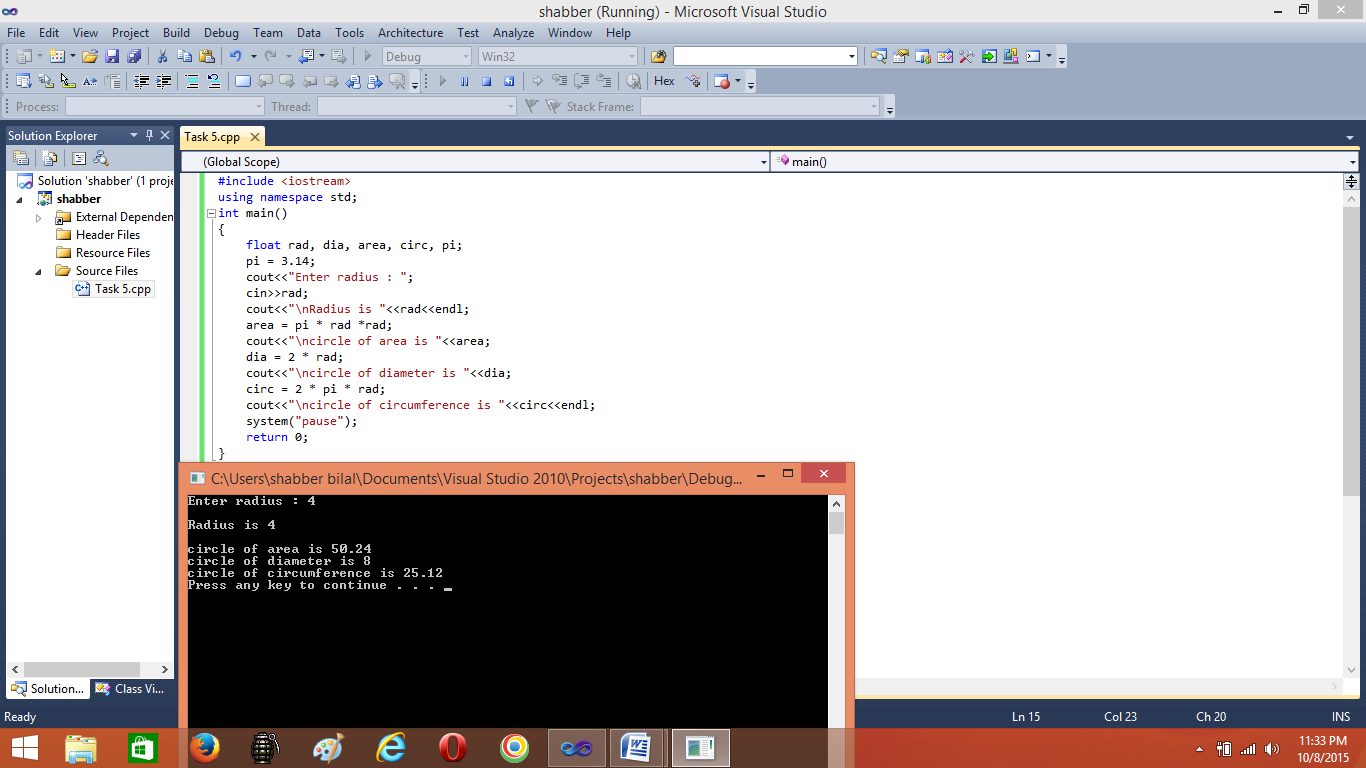
Input a & b

X= (a+ b)\*2-2\*a\*b

Output x

End

**TASK 5**

**Objective: Circle calculations Flow chart Programming**

Write a program to calculate area, diameter and circumference of circle by using following formulae. Use Const and #define for value of .Radius will be given by user

*Area*

*Diameter =2\*r*

*Circumference=r*

**Pseudo Code**

Start

Input radius

Area= 3.14\*radius\*radius

Diameter= 2\*radius

Circumfer=2\*3.14\*radius

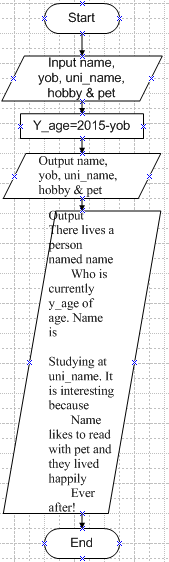
Output Area, Diameter &

Circumference

End

**TASK 6**

**Objective: Flow chart**

Write a program that plays a word game with the user. The program should ask the user to enter the following: User’s name Year of birth (e.g. 1990) Name of university A favourite hobby A pet’s name .

**Pseudo Code**

Start

Input name, yob, uni\_name, hooby & pet

y\_age=2015-yob

Output name, yob, uni\_name, hobby & pet

There lives a person named name

Who is currently y\_age of age. Name is

Studying at uni\_name. It is interesting because

Name likes to read with pet and they lived happily

Ever after!

End

**Programming** 