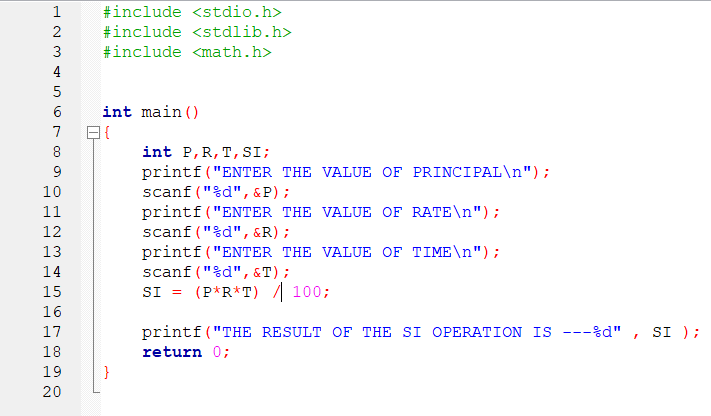
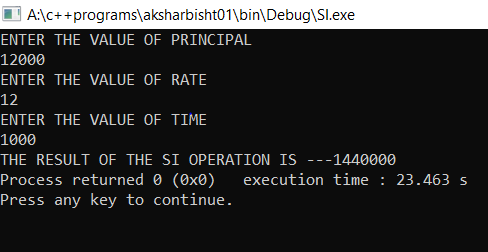
**ASSIGNMENT – 1**

[Ques 1:- Write a program to calculate the simple interest. Accept the value of principal, rate of interest and time from the user through the standard input device.](file:///C:\Users\Akshar%20Bisht\Downloads\ASSIGNMENT%20%201.docx#_Toc341393954)

Code –



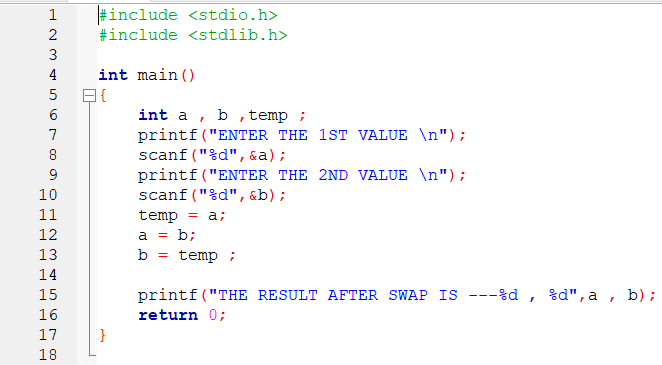
**Output -**



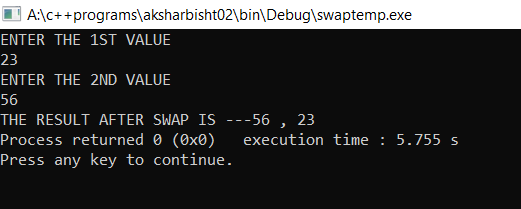
AKSHAR BISHT 1 BCA 1st YEAR 2ND SHIFT

[Ques 2 :- Write a program to swap two numbers (using third variable).](file:///C:\Users\Akshar%20Bisht\Downloads\ASSIGNMENT%20%201.docx#_Toc341393955)

Code –



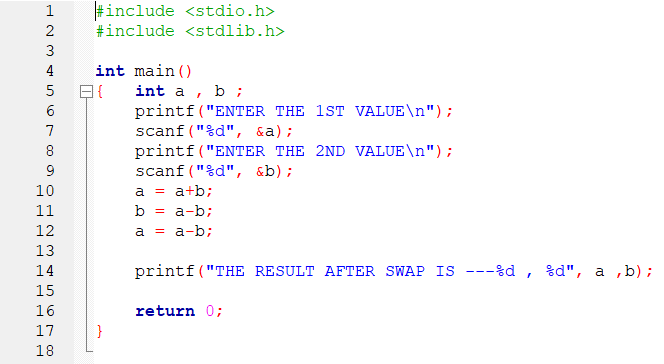
**Output -**



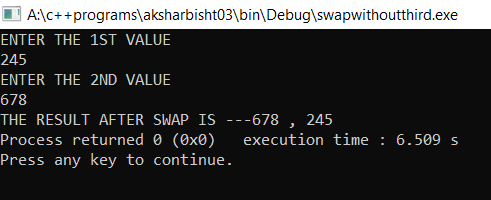
AKSHAR BISHT 2 BCA 1st YEAR 2ND SHIFT

Ques 3 :- Write a program to swap two numbers (without using third variable).

Code –



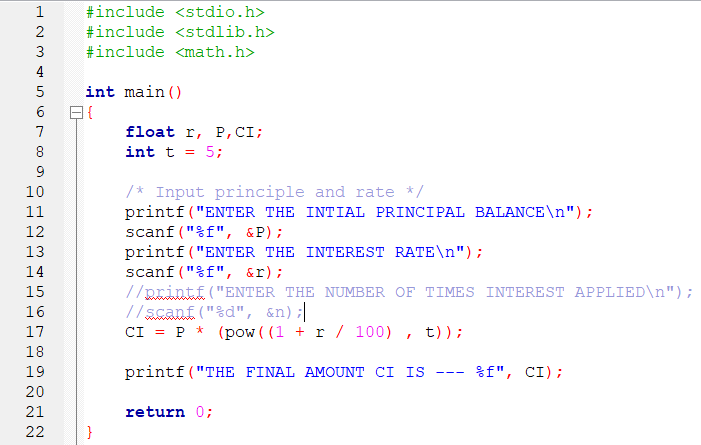
**Output -**



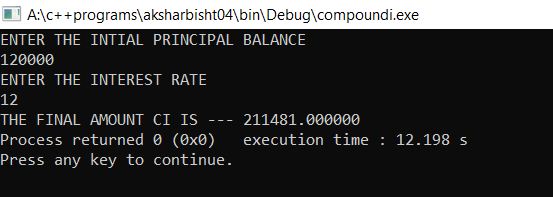
AKSHAR BISHT 3 BCA 1st YEAR 2ND SHIFT

[Ques 4 :- Write a program to find the compound interest for the 5 year duration .](file:///C:\Users\Akshar%20Bisht\Downloads\ASSIGNMENT%20%201.docx#_Toc341393957)

Code –



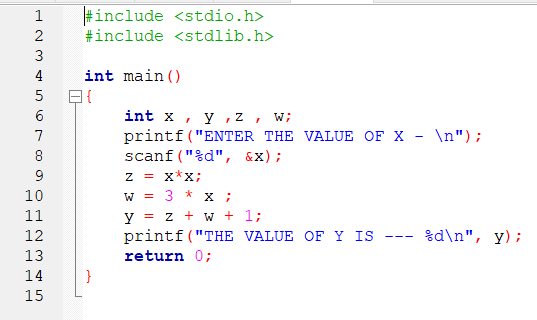
**Output -**



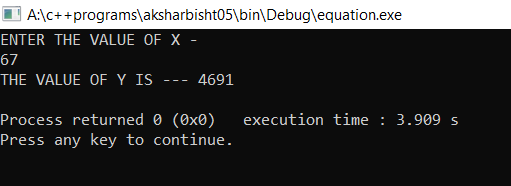
AKSHAR BISHT 4 BCA 1st YEAR 2ND SHIFT

Ques 5 :- Write a program to find the value of ‘y’ in the following equation : y=x2+3x+1.

Code –



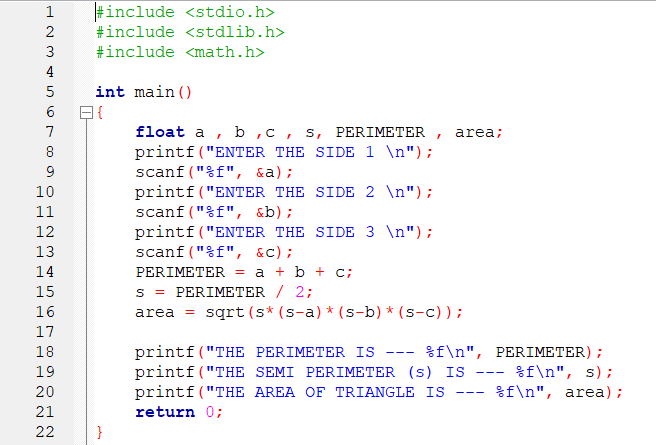
**Output -**



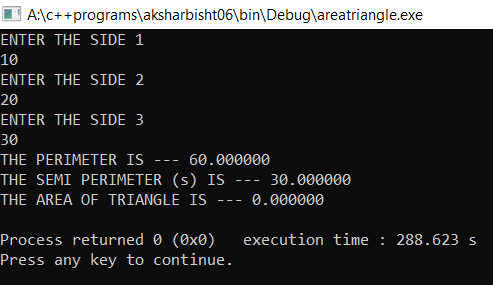
AKSHAR BISHT 5 BCA 1st YEAR 2ND SHIFT

[Ques 6 :- Write a program to calculate the area of triangle using Hero’s formula . [area=](file:///C:\Users\Akshar%20Bisht\Downloads\ASSIGNMENT%20%201.docx#_Toc341393959)]

Code –



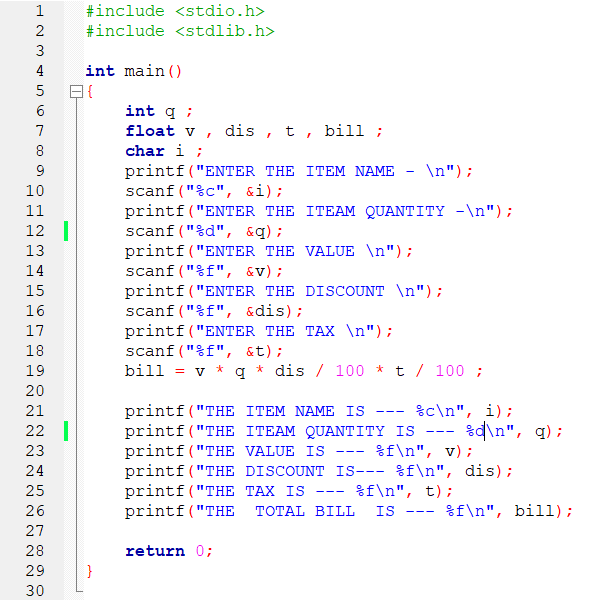
**Output -**



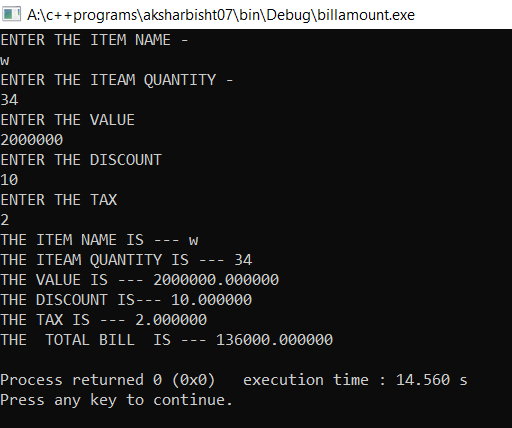
AKSHAR BISHT 6 BCA 1st YEAR 2ND SHIFT

Ques 7 :- Write a program to calculate the bill amount for an item given its quantity sold, value, discount and tax.

Code –



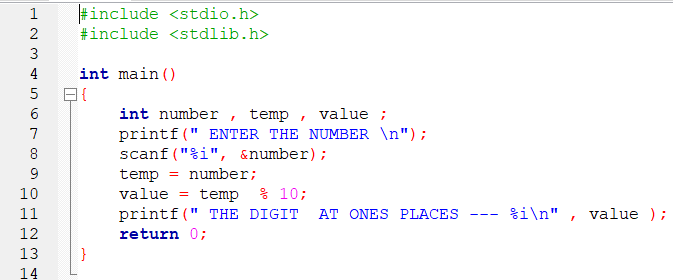
**Output –**



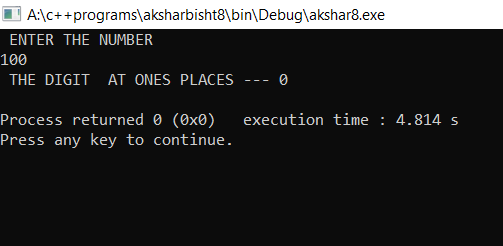
AKSHAR BISHT 7 BCA 1st YEAR 2ND SHIFT

Ques 8 :- Write a program to print the digit at ones place of a number.

Code –



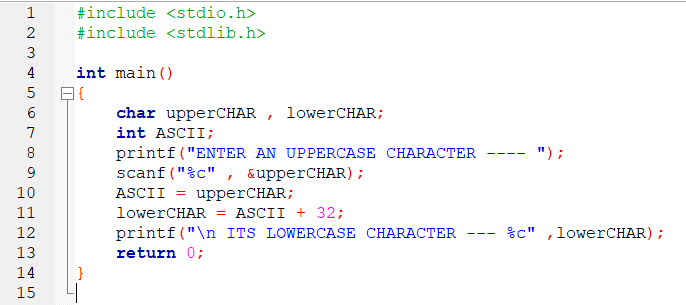
**Output –**



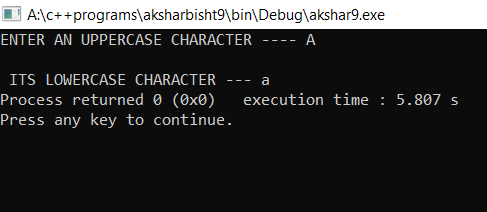
AKSHAR BISHT 8 BCA 1st YEAR 2ND SHIFT

Ques 9 :- Write a program to read a character in upper case and then print it in lower case.

Code –



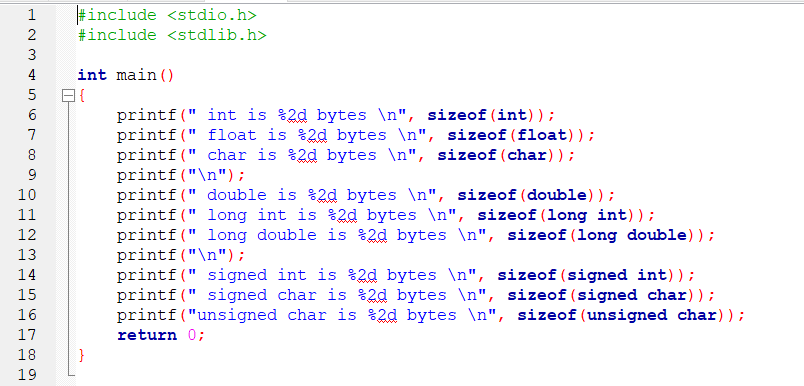
**Output –**



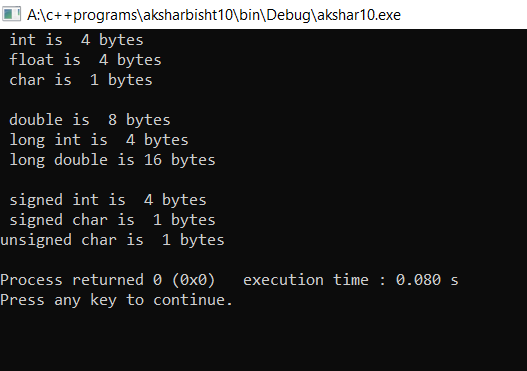
AKSHAR BISHT 9 BCA 1st YEAR 2ND SHIFT

[Ques 10 :- Write a program to display the size of every data type.](file:///C:\Users\Akshar%20Bisht\Downloads\ASSIGNMENT%20%201.docx#_Toc341393963)

Code –



**Output –**



AKSHAR BISHT 10 BCA 1st YEAR 2ND SHIFT