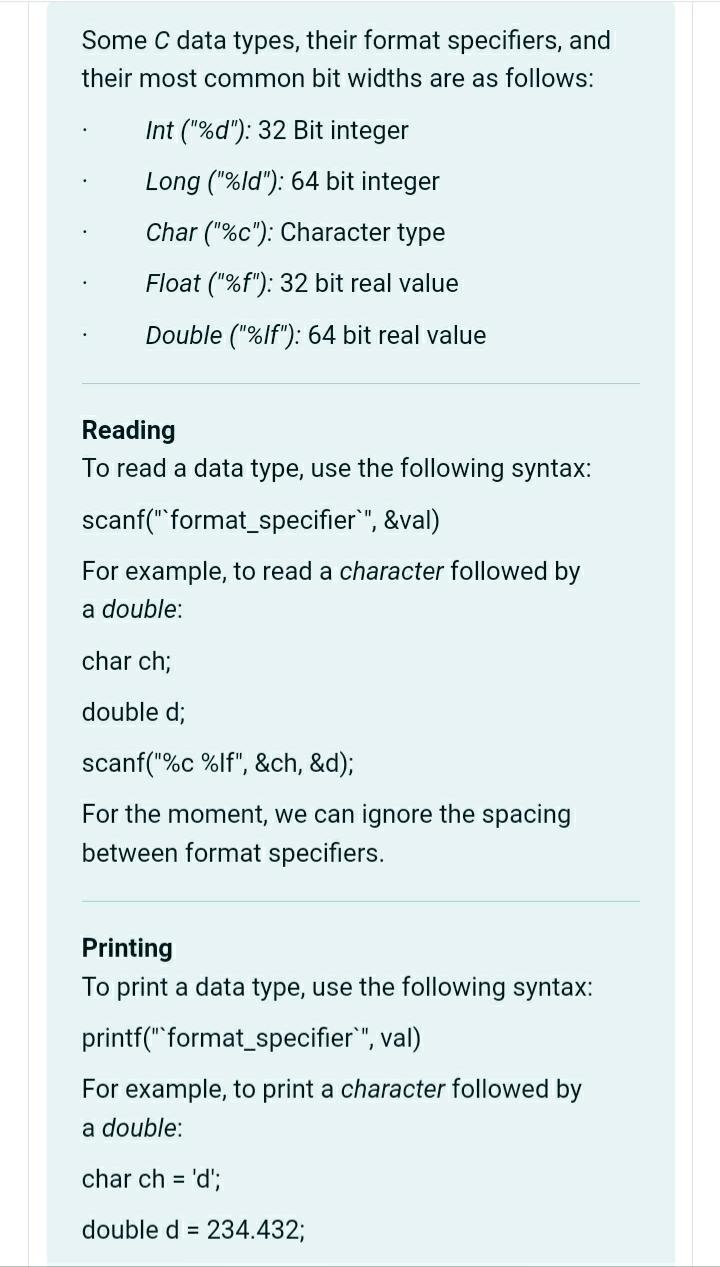
Code:

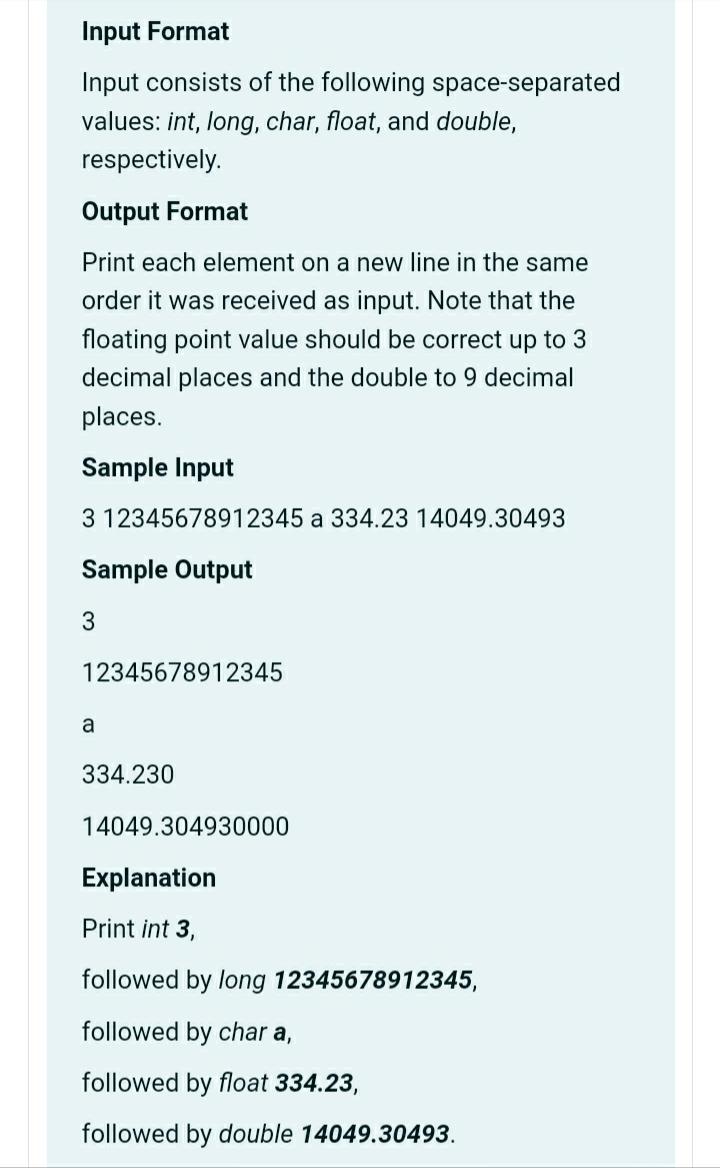


Output:

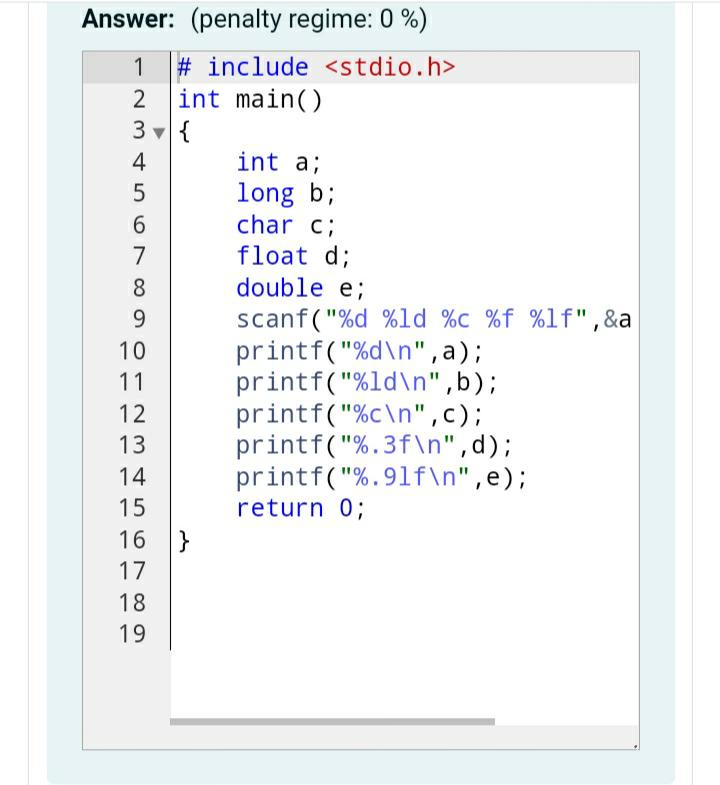


Program 2:

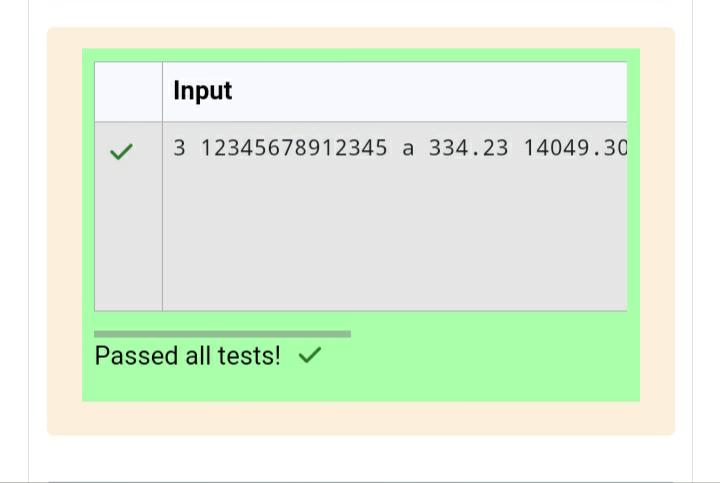




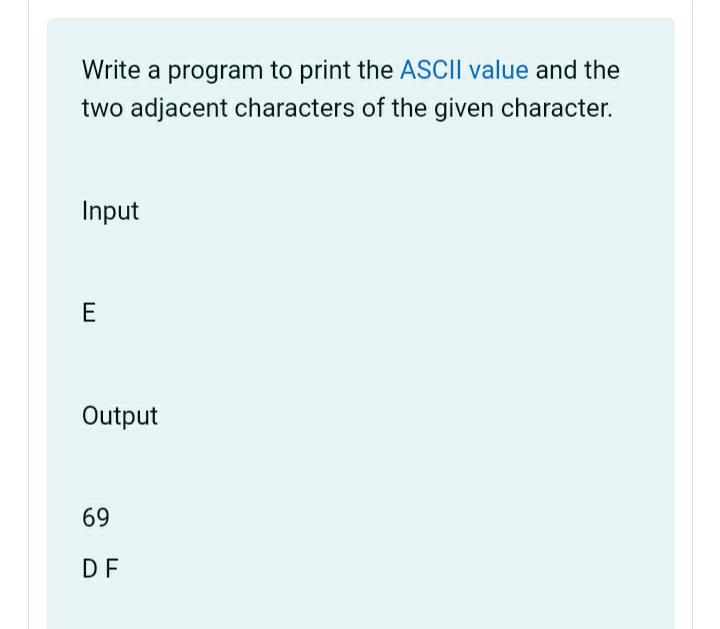
Code:



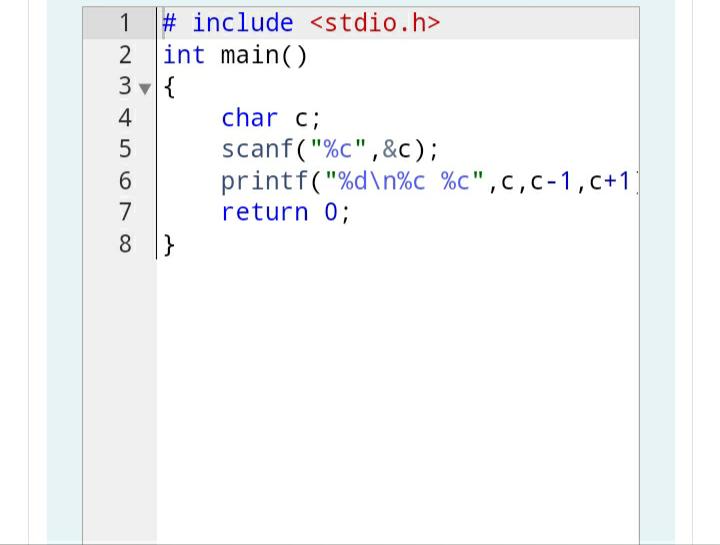
Output:



Program 3:



Code:

Output:

