

Lab 2 Worksheet

6.

Case	Input data	Observed Output
1.	5 12 15	The input value is 5; the fail flag is false The input value is 12; the fail flag is false The input value is 15; the fail flag is false
2.	0005 -12 15	
3.	5 a 12	
4.	5.13 -12 15	
5.	abc 5 12	

7.

Case	Input data	Predicted Output
1.	4 -5 13	
2.	00013 7 -2	
3.	5 6 -4	
4.	13 21 15.7	
5.	13 64.5 8	

8.

Case	Input data	Observed Output
1.	4 -5 13	
2.	00013 7 -2	
3.	5 6 -4	
4.	13 21 15.7	
5.	13 64.5 8	

9. How well did you predict the output?

10. Write 1 to 5 sentences describing your observations of the rules used by the input operator (>>) when it is used to read an integer value.

12.

Case	Input data	Observed Output
1.	5.1 12.05 15.23	
2.	5.1 -12.05 15.23	
3.	5 12 15.23	
4.	005.13 a 15	
5.	abc 5 12	

13. Write 1 to 5 sentences describing your observations of the rules used by the input operator (>>) when it is used to read a float value.

15.

Case	Input data	Observed Output
1.	a b c	
2.	A B C	
3.	aBc	
4.	5 a 12.5	
5.	abc 5 12	

16. Write 1 to 5 sentences describing your observations of the rules used by the input operator (>>) when it is used to read a character value.

18.

Case	Input data	Observed Output
1.	abc def ghi	
2.	Ab cde fghi	
3.	a b c d e f g h	
4.	5.13 -12 0005	
5.	abc 5 12	

19. Write 1 to 5 sentences describing your observations of the rules used by the input operator (>>) when it is used to read a C++ string value.

22. Recompile and run the program with each of the data sets in the following table (Enter all of the input in the data set the first time the program pauses for input). Record the output on the worksheet.

Case	Input data	Observed Output
1.	5 12.3 a xyz	
2.	512.3axyz	
3.	xyz a 12.3 5	
4.	5 12 15	
5.	5 12.3 45.6	

23. Write 1 to 5 sentences describing your observations of the rules used by the input operator (>>) when it is used to read data of different types.