

Prog 1B Test

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Question 1

1. A

2. D

3. C

4. D

5. C

6. C

7. B

8. B

9. A

10. If the value is bigger than “l” then it will decrease the value by 1. Finally, it will display the value.

11. If the value is less than “l” it will be incremented by 1, and if it is more than “i” it will be decreased by 1. The output will display the calculated value.

12. The program is calculating the IntArr as well as the DbArr. It will display the calculated values and add the IntArr and DbArr values.

13. It will display the value that is bigger than “l” and add the IntArr. The final value will be displayed.

14.

A) Incorrect.

B) Correct. It has everything the code needs to run.

C) Correct. It is correct because

Question 2

Question 3

A) It is a simple sorting algorithm that arranges elements in ascending or descending order. It does this by swapping elements from the right or left, one element at a time.

B) 0

C) 0,2

D) It is a simple sorting algorithm.

E) 0

F) 0.2

G) 2

H)

Question 4.

A) It is a simple sorting algorithm that arranges elements in a preferred order.

B) It switches elements in order to arrange them in the wanted order. It moves elements one at a time.

C) 0.2

D) When you have a small data set and want something that is easy to implement.

E) The advantages are that it is easy to understand, simple, easy to implement and handles small data sets with ease. The disadvantages are that it does not do well with larger data sets, it is slow and retrieves data slowly.

F)