Programming 1B

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Question 1

1.A

2.B

3.C

4.D

5.B

6.C

7.B

8.B

9.B

10. The output will be the word “Value :” and what ever String is stored in the strArr[5] Element.

11. The output will be the word “Value :” and the Doubles that are stored in dblArr[i] that have been halved from there initial value in the code .

12. The output will be the ratio of intArr[i] : dblArr [i] which in terms of this code will have the doubles being half the size of the integers.

13. The output will be the word “Value :” along with 3 added to all values stored in the intArr array.

14.a) yes

b) no

c)yes

Question 3

1. Bubble sort algorithm is a sorting algorithm that goes through an array of numbers that compares 2 numbers that are next to each other and swaps them depending on the order that the array of numbers must be sorting in it can either be ascending or descending.
2. The shortest amount of time it will take to sort the numbers of an array
3. The amount of time and memory of a computer will use when conducting bubble sort.
4. Bubble sort is a sorting algorithm.
5. The amount of time it will take to best sort the numbers
6. The amount of time it takes on average to sort the numbers
7. The longest time bubble sort will take

Question 4

1. A sorting algorithm.
2. Insertion Sort is a sorting algorithm that goes from right to left and swaps the numbers of an array that are next to each other and marks them as correct once they are swapped
3. 5
4. Idk
5. It takes a long time to sort the numbers in a particular order