Question 2 C#

c. Which of the following words is the longest:

```
**********************************************************************

Enter three words :
Supercalifragilisticexpialidocious
Honorificabilitudinitatibus
Bababadalgharaghtakamminarronnkonn

The Longest words are : Supercalifragilisticexpialidocious Bababadalgharaghtakamminarronnkonn
```

d. Which composer comes first in the dictionary: 'Berlioz', 'Borodin', 'Brian','Bartok', 'Bellini', 'Buxtehude', 'Bernstein'. Which one comes last?

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**********************************************************************

Enter the 7 words to sort:
Berlioz
Borodin
Brian
Bartok
Bellini
Buxtehude
Bernstein

The Sorted Array is:

Bartok
Bellini
Berlioz
Bernstein
Borodin
Brian
Buxtehude
```

Question 3 C#

```
******************************Question 3 C#*************************************

Enter the length of side 1 : 2
Enter the length of side 2 : 2
Enter the length of side 3 : 2
By Heron's formula, Area of the Triangle = 1.7320508075688772
```

Question 4 C#

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************************************Question 4 C#****************************************


Separate odd and even integers in separate arrays:
************************************************************
Input the number of elements to be stored in the array :5
Input 5 elements in the array :
element - 0 : 3
element - 1 : 4
element - 2 : 6
element - 3 : 7
element - 4 : 8

The Even elements are :
4 6 8
The Odd elements are :
3 7
```

Question 5 C#

```
**************************Question 5 C#************************************

Enter the Lower left corner points :
0
0
Enter the Upper right corner points :
2
3
Enter the point to check :
1
1
Does the point (1,1), lie in the rectangle ((0,0), (2,3))?
True

*********************************
Enter the Lower left corner points of first rectangle :
0.3
0.5
Enter the Upper right corner points of first rectangle :
1.1
0.7
Enter the Lower left corner points of second rectangle :
0.5
0.2
Enter the Upper right corner points of second rectangle :
1.1
2
Enter the point to check :
1
1
the point (1,1), does not lie in the both rectangles ((0.3,0.5), (1.1,0.7)) and ((0.5,0.2),(1.1,2))
```