OUTPUT

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Command Prompt - java  Assi   ✕    +   ∨

Microsoft Windows [Version 10.0.22621.1413]
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C:\Users\kaust>d:

D:\>javac Assignment_2.java

D:\>java Assignment_2
Enter 10 numbers:
Enter a number: 11
Enter a number: 22
Enter a number: 33
Enter a number: 44
Enter a number: 55
Enter a number: 66
Enter a number: 77
Enter a number: 88
Enter a number: 99
Enter a number: 12


Even numbers:
22
44
66
88
12
Odd numbers:
11
33
55
77
99
```

```
Enter 10 numbers:
Enter a number: 12
Enter a number: 23
Enter a number: 34
Enter a number: 45
Enter a number: 56
Enter a number: 67
Enter a number: 78
Enter a number: 89
Enter a number: 98
Enter a number: 87
The 2 numbers with the smallest distance are: 89 and 87
The index of the first number is: 7
```

```
Converting array to array list
Array list: [1, 2, 3, 4, 5]


Converting array list to array
Array:
0 1 2 3 4
```