```
1.) Create
2.) Reverse
3.) Sort
4.) Search
Select an option between 1-4 : 1

559_Dayasagar_phondekar_SYIT_B

Enter number of elements :3

Enter element for index 0 :1

Enter element for index 1 :2

Enter element for index 2 :3

1.) Create
2.) Reverse
3.) Sort
4.) Search
Select an option between 1-4 : 2

559_Dayasagar_phondekar_SYIT_B

Entered elements of array are :        1        2        3
Reversed array is :      3        2        1
1.) Create
2.) Reverse
3.) Sort
4.) Search
Select an option between 1-4 : 3
```

1a

```
559_Dayasagar_phondekar_SYIT_B

Entered elements of array are :          1        2        3
After sorting array is :        1        2        3
1.) Create
2.) Reverse
3.) Sort
4.) Search
Select an option between 1-4 : 4

559_Dayasagar_phondekar_SYIT_B

Enter the value to search the element in the array :3

3 is found at 2
--------------------------------
Process exited after 85.8 seconds with return value 0
Press any key to continue . . . _
```

1b

```
559_SYIT_Dayasagar phondekar
1.Create1
2.Create2
3.Merge
4.Sort
 Choose from 1-4:1

Enter number of elements for A: 3

Enter elements for index 0: 4

Enter elements for index 1: 5

Enter elements for index 2: 6

1.Create1
2.Create2
3.Merge
4.Sort
 Choose from 1-4:2

Enter number of elements for B: 2

Enter elements for index 0: 3

Enter elements for index 1: 2
```

```
1.Create1
2.Create2
3.Merge
4.Sort
 Choose from 1-4:3
The merged array: 4 5 6 3 2
1.Create1
2.Create2
3.Merge
4.Sort
 Choose from 1-4:4

Final array after sorting:  2  3  4  5  6
1.Create1
2.Create2
3.Merge
4.Sort
 Choose from 1-4:
```

1c

```
559_Dayasagar phondekar
1.Create a first array
2.Create a second array
3.Addition
4.Multification
5.Transpose
6.Exit
Choose number from 1 to 6 :1

Enter the number of rows for matrix:2
Enter the number of column for matrix:2
Enter the values of 00:1
Enter the values of 01:2
Enter the values of 10:3
Enter the values of 11:4

First matrix is:
1       2
3       4

1.Create a first array
2.Create a second array
3.Addition
4.Multification
5.Transpose
6.Exit
Choose number from 1 to 6 :2
Enter the number of rows for matrix:2
Enter the number of column for matrix:2
Enter the values of 00:4
Enter the values of 01:5
Enter the values of 10:6
Enter the values of 11:7

Second matrix is:
4       5
6       7
```

```
1.Create a first array
2.Create a second array
3.Addition
4.Multification
5.Transpose
6.Exit
Choose number from 1 to 6 :3


Addition of array is:
5       7
9       11

1.Create a first array
2.Create a second array
3.Addition
4.Multification
5.Transpose
6.Exit
Choose number from 1 to 6 :4
16      19
36      43

1.Create a first array
2.Create a second array
3.Addition
4.Multification
5.Transpose
6.Exit
Choose number from 1 to 6 :5

 Transpose of first matrix is :
1       3
2       4
```