

Answers –lab sheet 6

- Question 1

```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q1.exe
Enter two numbers: 5 6
5 + 6 = 11

-----
Process exited after 9.998 seconds with return value 11
Press any key to continue . . .
```

- Question 2

```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q2.exe
Enter 0 to show result
Enter number : 6
Enter number : 3
Enter number : 9
Enter number : 4
Enter number : 1
Enter number : 0
Sum of given numbers : 23


-----
Process exited after 13.25 seconds with return value 25
Press any key to continue . . .
```

- Question 3

```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q3.exe
Enter two numbers: 10 15
Max number between 10 and 15 is: 15


-----
Process exited after 5.863 seconds with return value 35
Press any key to continue . . .
```

- Question 4

 G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q4.exe


```
Enter the number of elements you wish to store in array: 5
Enter 1 element : 15
Enter 2 element : 34
Enter 3 element : 12
Enter 4 element : 45
Enter 5 element : 9
The array you entered : {15 ,34 ,12 ,45 ,9},
-----
Process exited after 19.49 seconds with return value 3
Press any key to continue . . .
```

- Question 5

 G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q5.exe

```
Enter the number of elements you wish to entered: 6
Enter element 1 : 12
Enter element 2 : 45
Enter element 3 : 32
Enter element 4 : 74
Enter element 5 : 9
Enter element 6 : 65
Max value : 74
-----
Process exited after 28.49 seconds with return value 14
Press any key to continue . . .
```

- Question 6

 G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q6.exe

```
Enter the string : computer
Length of the string : 8
-----
Process exited after 5.829 seconds with return value 24
Press any key to continue . . .
```

- Question 7

```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q7.exe
x = 10
y = 20
After swap : x = 20,y = 10
-----
Process exited after 5.634 seconds with return value 26
Press any key to continue . . .
```


- Question 8

```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q8.exe
Enter the value : 5
5! = 120
-----
Process exited after 8.439 seconds with return value 9
Press any key to continue . . .
```

- Question 9


```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q9.exe
Enter the string : ABC
ABC
ACB
BAC
BCA
CBA
CAB
-----
Process exited after 2.991 seconds with return value 3
Press any key to continue . . .
```

- Question 10

 G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q10.exe


```
Enter the length of string : 8
Enter the string : computer
Number of vowels in the string : 3
Number of consonants in the string : 5
-----
Process exited after 9.719 seconds with return value 73
Press any key to continue . . .
```

- Question 11

 G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q11.exe

```
Enter size of array : 6
Enter element 1 : 45
Enter element 2 : 32
Enter element 3 : 78
Enter element 4 : 12
Enter element 5 : 54
Enter element 6 : 63
Unsorted array : {45, 32, 78, 12, 54, 63}
Sorted array : {12, 32, 45, 54, 63, 78}
-----
Process exited after 33.09 seconds with return value 0
Press any key to continue . . .
```

- Question 12

 G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q12.exe

```
Enter the number of elements in array : 5
Enter the number : 15
Enter the number : 41
Enter the number : 32
Enter the number : 10
Enter the number : 20
Summ of the array : 118
-----
Process exited after 24.62 seconds with return value 24
Press any key to continue . . .
```

- Question 13

```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q13.exe
Enter the size of an array: 6
Enter the number: 1
Enter the number: 2
Enter the number: 3
Enter the number: 6
Enter the number: 5
Enter the number: 8
array in order: {1, 2, 3, 6, 5, 8}
array in reverse order: {8, 5, 6, 3, 2, 1}

-----
Process exited after 15.42 seconds with return value 0
Press any key to continue . . .
```

- Question 14

```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q14.exe
Enter the string : computer
String in reverse order : retupmoc
-----
Process exited after 13.19 seconds with return value 99
Press any key to continue . . .
```

- Question 15

```
G:\UCSC 1st sem\SCS1202_2020\lab sheet 6\19001487\19001487_Q15.exe
Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz
-----
Process exited after 0.08242 seconds with return value 91
Press any key to continue . . .
```