

Q.1]

```
Enter how many inputs you need: 9
Enter numbers to get a sum (press 0 to exit):
1
2
3
4
5
6
7
8
9
Sum is: 45

-----
Process exited after 17.14 seconds with return value 0
Press any key to continue . . . |
```

Q.2]

```
Enter how many inputs you need: 9
Enter numbers to reverse them:
1
2
3
4
5
6
7
8
9
Reversed numbers: 9 8 7 6 5 4 3 2 1

-----
Process exited after 22.94 seconds with return value 0
Press any key to continue . . . |
```

Q.3]

```
Enter how many inputs you need: 10
Enter numbers to check for Maximum and Minimum values:
4
1
6
8
10
21
8
9
2
6
Maximum Number = 21
Minimum Number = 1
-----
Process exited after 11.66 seconds with return value 0
Press any key to continue . . . |
```

Q.4]

```
Enter how many inputs you need: 8
Element 1: 12
Element 2: 65
Element 3: 26
Element 4: 65
Element 5: 12
Element 6: 34
Element 7: 63
Element 8: 34
Numbers occurring more than once:
12
34
65
-----
Process exited after 24.95 seconds with return value 0
Press any key to continue . . . |
```

Q.5]

```
Enter a string (max 99 characters): a e i o u syed
Number of vowels: 6
Number of consonants: 3

-----
Process exited after 8.001 seconds with return value 0
Press any key to continue . . . |
```

Q.6]

```
Number 1: 15
Number 2: 26
Number 3: 25
Number 4: 235
Number 5: 525
Number 6: 95
Number 7: 565
Number 8: 15245
Number 9: 15545
Number 10: 655454
Enter the Number you want to find: 525
Number Found at index 4

-----
Process exited after 16.7 seconds with return value 0
Press any key to continue . . . |
```

```
Number 1: 26
Number 2: 56
Number 3: 23
Number 4: 56
Number 5: 3245
Copied array is: 26 56 23 56 3245
Original array is: 26 56 23 56 3245

-----
Process exited after 6.487 seconds with return value 0
Press any key to continue . . . |
```

Q.7]

```
Enter a string (max 99 characters): syedmmmawhid123
String without numeric characters: syedmmmawhid

-----
Process exited after 7.481 seconds with return value 0
Press any key to continue . . .
```

Q.8]

```
First array:
Number 1: 98
Number 2: 65
Number 3: 56
Number 4: 23
Number 5: 254
Second array:
Number 1: 589
Number 2: 54
Number 3: 697
Number 4: 236
Number 5: 256

Merged array is: 98 65 56 23 254 589 54 697 236 256
-----
Process exited after 18.55 seconds with return value 0
Press any key to continue . . .
```

Q.9]

```
Enter a string (max 99 characters): syedmawahid824237
String without numeric characters: syedmawahid

-----
Process exited after 10.25 seconds with return value 0
Press any key to continue . . . |
```

Q.10]

```
Enter a string to check if it's a palindrome: syed123321deys
The string is a palindrome.
```

```
-----
Process exited after 10.77 seconds with return value 0
Press any key to continue . . . |
```

```
Enter a string to check if it's a palindrome: syedsyedmawahid
The string is a palindrome.
```

```
-----
Process exited after 15.62 seconds with return value 0
Press any key to continue . . . |
```

Q.11]

```
Enter a string (max 99 characters): check for spaces in string
Number of spaces: 4
```

```
-----
Process exited after 10.36 seconds with return value 0
Press any key to continue . . . |
```

Q.12]

```
Enter a string (max 99 characters). Entering a space or newline will end input:
iamwriting thiswillnot beread
Space or newline detected. Exiting...
You entered: iamwriting
```

```
-----
Process exited after 17.62 seconds with return value 0
Press any key to continue . . . |
```