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Roll Number: 24k-0826

Section: BCS–1D

Week7 – PF Lab

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Screenshots

Question-1

```
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>gcc PF-Lab-W7-Q1.c -o PF-Lab-W7-Q1.exe

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>PF-Lab-W7-Q1.exe
Please enter the length of array that you would like to create and input values to:
9
Enter the data elements to the array:
1
2
3
4
5
6
7
8
9
The sum of all elements is: 45

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>
```

Question-2

```
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>gcc PF-Lab-W7-Q2.c -o PF-Lab-W7-Q2.exe

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>PF-Lab-W7-Q2.exe
Please specify the number of values you would like to input: 9
Please enter the data element at index position 0: 1
Please enter the data element at index position 1: 2
Please enter the data element at index position 2: 3
Please enter the data element at index position 3: 4
Please enter the data element at index position 4: 5
Please enter the data element at index position 5: 6
Please enter the data element at index position 6: 7
Please enter the data element at index position 7: 8
Please enter the data element at index position 8: 9
The Array in reverse order would be: 9 8 7 6 5 4 3 2 1
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>
```

Question-3

```
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>gcc PF-Lab-W7-Q3.c -o PF-Lab-W7-Q3.exe

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>PF-Lab-W7-Q3.exe
Please notify us regarding the number of values you would like to store in the array: 10
Pleae enter the values you would like to feed to the array:
4
1
6
8
10
21
8
9
2
6
Maximum Number = 21
Minimum Number = 1

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>
```

Question-4

```
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>gcc PF-Lab-W7-Q4.c -o PF-Lab-W7-Q4.exe

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>PF-Lab-W7-Q4.exe
Please tell us the size of your array:
5
Please enter the data values you wish to feed to in the araay:
2
3
1
2
3
Number 2 and 3 occur in the array more than once.

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab-Tasks\24k-0826\Week7\C_Source_Files>
```