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Section: BCS–1D

Week4 – PF Lab

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Screenshots

Question-1

C:\Windows\System32\cmd.exe

```
Microsoft Windows [Version 10.0.19044.3324]
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C:\Users\k240826\Desktop>gcc PF-Lab-W04-Q1.c -o PF-Lab-W04-Q1.exe

C:\Users\k240826\Desktop>PF-Lab-W04-Q1.exe
Please enter a number: 54
The number is multiple of 3
C:\Users\k240826\Desktop>PF-Lab-W04-Q1.exe
Please enter a number: 43
The number is not multiple of 3
C:\Users\k240826\Desktop>
```

Question-2


C:\Windows\System32\cmd.exe

```
C:\Users\k240826\Desktop>gcc PF-Lab-W04-Q2.c -o PF-Lab-W04-Q2.exe

C:\Users\k240826\Desktop>PF-Lab-W04-Q2.exe
Please enter the first operand: 8
Please enter the second operand: 2
Please enter the opcode/operator from either + - * /: +
The answer is: 10.000000
C:\Users\k240826\Desktop>PF-Lab-W04-Q2.exe
Please enter the first operand: 8
Please enter the second operand: 2
Please enter the opcode/operator from either + - * /: -
The answer is: 6.000000
C:\Users\k240826\Desktop>PF-Lab-W04-Q2.exe
Please enter the first operand: 8
Please enter the second operand: 2
Please enter the opcode/operator from either + - * /: *
The answer is: 16.000000
C:\Users\k240826\Desktop>PF-Lab-W04-Q2.exe
Please enter the first operand: 8
Please enter the second operand: 2
Please enter the opcode/operator from either + - * /: \
Invalid opcode/operator inputted....

C:\Users\k240826\Desktop>_
```

Question-3

 C:\Windows\System32\cmd.exe

```
C:\Users\k240826\Desktop>gcc PF-Lab-W04-Q3.c -o PF-Lab-W04-Q3.exe
```

```
C:\Users\k240826\Desktop>PF-Lab-W04-Q3.exe
```

```
Please enter the character to check: 6
```

```
The entered data is a digit...
```

```
C:\Users\k240826\Desktop>PF-Lab-W04-Q3.exe
```

```
Please enter the character to check: a
```

```
The entered data is a lowercase character...
```

```
C:\Users\k240826\Desktop>PF-Lab-W04-Q3.exe
```

```
Please enter the character to check: P
```

```
The entered data is an uppercase character...
```

```
C:\Users\k240826\Desktop>PF-Lab-W04-Q3.exe
```

```
Please enter the character to check: $
```

```
The entered data is a special character...
```

```
C:\Users\k240826\Desktop>
```

Question-4

C:\Windows\System32\cmd.exe

```
C:\Users\k240826\Desktop>gcc PF-Lab-W04-Q4.c -o PF-Lab-W04-Q4.exe

C:\Users\k240826\Desktop>PF-Lab-W04-Q4.exe
Please enter your total: 20
Your total was: 20.000000
You saved: 0.000000
The new total is: 20.000000

C:\Users\k240826\Desktop>PF-Lab-W04-Q4.exe
Please enter your total: 800
Your total was: 800.000000
You saved: 40.000000
The new total is: 760.000000

C:\Users\k240826\Desktop>PF-Lab-W04-Q4.exe
Please enter your total: 3000
Your total was: 3000.000000
You saved: 300.000000
The new total is: 2700.000000

C:\Users\k240826\Desktop>PF-Lab-W04-Q4.exe
Please enter your total: 5000
Your total was: 5000.000000
You saved: 1000.000000
The new total is: 4000.000000

C:\Users\k240826\Desktop>PF-Lab-W04-Q4.exe
Please enter your total: 7000
Your total was: 7000.000000
You saved: 2450.000000
The new total is: 4550.000000

C:\Users\k240826\Desktop>_
```

Question-5

```
C:\Windows\System32\cmd.exe  x  +  v

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>gcc PF-Lab-W04-Q5.c -o PF-Lab-W04-Q5.exe

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q5.exe
Enter your customer ID: 1001
Enter your name: James
Enter your units consumed: 800
Customer ID: 1001
Customer Name: James
Units Consumed: 800.000000
Amount Charged @Rs. 800.000000 per unit: 28720.000000
Surcharge Amount: 4308.000000
Net Amount Paid bt the Customer: 8616.000000

C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>
```

Question-6

```
C:\Windows\System32\cmd.e  X  +  v
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>gcc PF-Lab-W04-Q6.c -o PF-Lab-W04-Q6.exe
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 1
one
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 2
two
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 3
three
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 4
four
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 5
five
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 6
six
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 7
seven
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 8
eight
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 9
nine
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>PF-Lab-W04-Q6.exe
Please enter a positive integer: 10
greater than 9
C:\Users\Muhammad Abu Bakar\FAST'25-Uni\Fall'25-Sem1\PF-Lab Tasks\24k-0826\Week4>
```