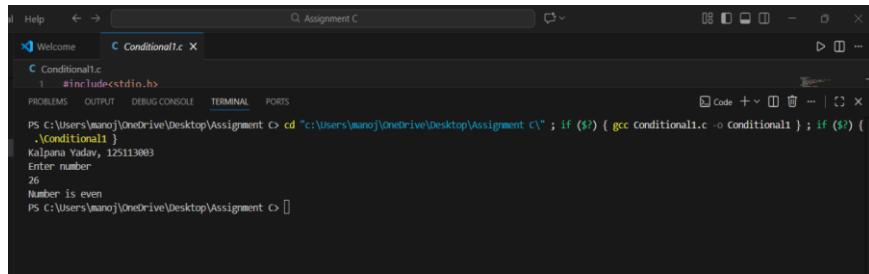


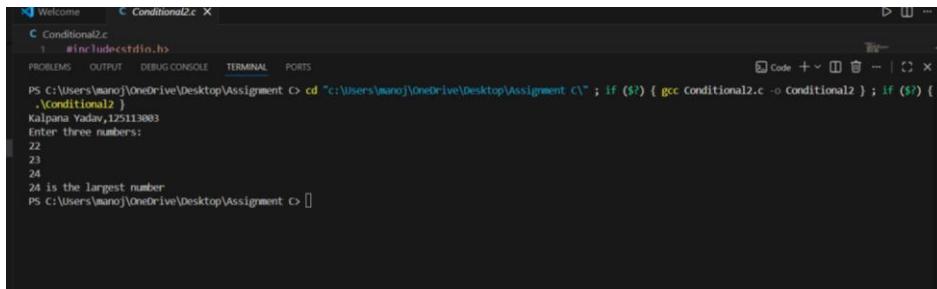
## Conditional:

1.



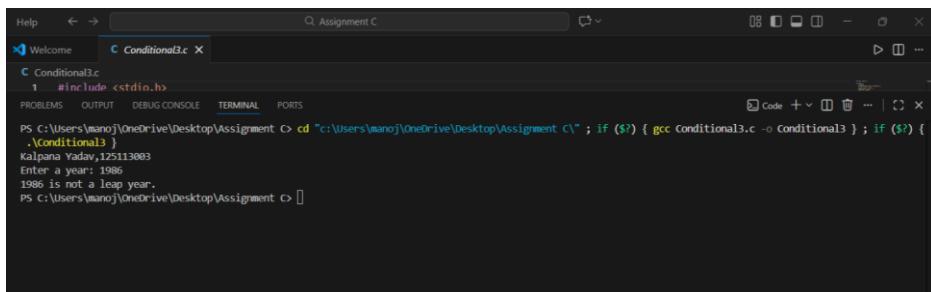
```
Assignment C
Conditional1.c
1 #include<stdio.h>
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional1.c -o Conditional1 } ; if ($?) {
.\Conditional1
Kalpana Yadav, 125113003
Enter number:
26
Number is even
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

2.



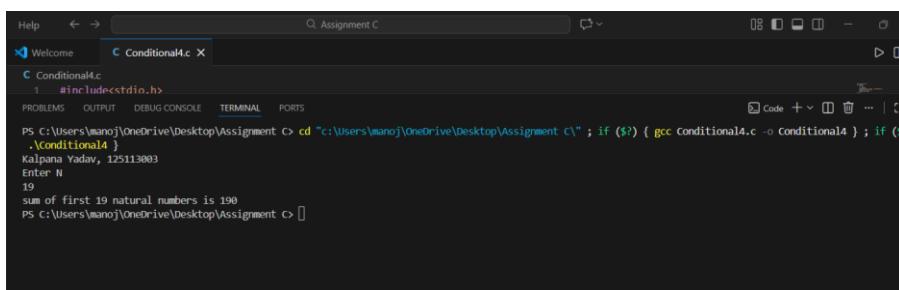
```
Assignment C
Conditional2.c
1 #include<stdio.h>
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional2.c -o Conditional2 } ; if ($?) {
.\Conditional2
Kalpana Yadav, 125113003
Enter three numbers:
22
23
24
24 is the largest number.
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

3.



```
Assignment C
Conditional3.c
1 #include <stdio.h>
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional3.c -o Conditional3 } ; if ($?) {
.\Conditional3
Kalpana Yadav, 125113003
Enter a year: 1986
1986 is not a leap year.
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

4.



```
Assignment C
Conditional4.c
1 #include<stdio.h>
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional4.c -o Conditional4 } ; if ($?) {
.\Conditional4
Kalpana Yadav, 125113003
Enter N
19
sum of first 19 natural numbers is 190
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

5.

```
Assignment C
Conditional4.c Conditional5.c
C Conditional5.c
1 #include<stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional5.c -o conditional5 } ; if ($?) {
.\Conditional5
Kalpana Yadav, 125113003
Enter n
9
Multiplication table of 9:
9 * 1 = 9
9 * 2 = 18
9 * 3 = 27
9 * 4 = 36
9 * 5 = 45
9 * 6 = 54
9 * 7 = 63
9 * 8 = 72
9 * 9 = 81
9 * 10 = 90
PS C:\Users\manoj\OneDrive\Desktop\Assignment > 
```

6.

```
Assignment C
Conditional4.c Conditional6.c
C Conditional6.c
1 #include <stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional6.c -o Conditional6 } ; if ($?) {
.\Conditional6
Kalpana Yadav, 125113003
Enter an integer: 1234
Reversed number of 1234 is 4321
PS C:\Users\manoj\OneDrive\Desktop\Assignment > 
```

7.

```
Assignment C
Conditional4.c Conditional7##.c
C Conditional7##.c
1 #include<stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional7##.c -o Conditional7## } ; if ($?
) { .\Conditional7## }
Kalpana Yadav, 125113003
Enter a
21
Enter b
20
Enter i
3
420
PS C:\Users\manoj\OneDrive\Desktop\Assignment > 
```

8.

```
Assignment C
Conditional4.c Conditional8.c
C Conditional8.c
1 #include<stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional8.c -o conditional8 } ; if ($?) {
.\Conditional8
Kalpana Yadav, 125113003
Enter n
9
factorial of 9 is 362880
PS C:\Users\manoj\OneDrive\Desktop\Assignment > 
```

9.

```
PS C:\Users\mano\OneDrive\Desktop\Assignment > cd "c:\Users\mano\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Conditional9##.c -o Conditional9## } ; if ($?) { .\Conditional9## }
Kalpana Yadav, 125113003
Enter an integer: 1234321
1234321 is a palindrome.
PS C:\Users\mano\OneDrive\Desktop\Assignment >
```

## Arrays

1.

```
PS C:\Users\mano\OneDrive\Desktop\Assignment > cd "c:\Users\mano\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Arrays1.c -o Arrays1 } ; if ($?) { .\Arrays1
}
Kalpana Yadav,125113003
Array is: 23 34 32 35 45 56
Largest element in array is: 56
PS C:\Users\mano\OneDrive\Desktop\Assignment >
```

2.

```
PS C:\Users\mano\OneDrive\Desktop\Assignment > cd "c:\Users\mano\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Arrays2.c -o Arrays2 } ; if ($?) { .\Arrays2
}
Kalpana Yadav,125113003
Array is: 23 21 20 12 13 14
Sum of elements is: 103.000000
Average of elements is: 17.166667
PS C:\Users\mano\OneDrive\Desktop\Assignment >
```

3.

```
PS C:\Users\mano\OneDrive\Desktop\Assignment > cd "c:\Users\mano\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Arrays3##.c -o Arrays3## } ; if ($?) { .\Arrays3##
}
Kalpana Yadav, 125113003
Enter number of elements: 6
Enter 6 elements:
2
3
1
2
4
5
Sorted array in ascending order:
1 2 2 3 4 5
PS C:\Users\mano\OneDrive\Desktop\Assignment >
```

4.

The screenshot shows a terminal window with the following details:

- Title Bar:** Assignment C
- Tab Bar:** Welcome, Conditional4.c, Conditional9##.c, Arrays4.c (active tab)
- File Content:** The code includes `#include<stdio.h>` and a main function that prints the frequency of a number in an array.
- Terminal Output:**

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment C:\> cd "C:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Arrays4.c -o Arrays4 } ; if ($?) { .\Arrays4 }
```

PS C:\Users\manoj\OneDrive\Desktop\Assignment C:\> Kalpana Yadav, 125113003  
Enter number to find frequency:23  
Array is : 23 21 23 24 23 45 23 56  
Frequency of 23 in the array is 4

5.

The screenshot shows a Microsoft Visual Studio Code interface with the following details:

- Title Bar:** Assignment C
- File List:** Welcome, Conditional4.c, Conditional9##.c, Arrays5.c (highlighted)
- Toolbar:** PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, PORTS
- Terminal Output:**

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "C:\Users\manoj\OneDrive\Desktop\Assignment"
PS C:\Users\manoj\OneDrive\Desktop\Assignment> if ($?) { gcc Arrays5.c -o Arrays5 } ; if ($?) { ./Arrays5
}
Kalpana Yadav, 125113003
Enter size of first array: 3
Enter size of second array: 3
Enter elements of first array:
2
3
4
Enter elements of second array:
5
6
7
Merged array:
2 3 4 5 6 7
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

6.

7.

```
#include<stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\mano\OneDrive\Desktop\Assignment > cd "c:\Users\mano\OneDrive\Desktop\Assignment" ; if ($?) { gcc Arrays7.c -o Arrays7 } ; if ($?) { ./Arrays7 }
Kalpana Yadav, 125113003
Enter values of matrix:
Enter element[0][0]
2
Enter element[0][1]
3
Enter element[0][2]
4
Enter element[1][0]
5
Enter element[1][1]
6
Enter element[1][2]
7
Enter element[2][0]
8
Enter element[2][1]
4
Enter element[2][2]
5

Original matrix is:
2 3 4
5 6 7
8 4 5
Transpose of matrix is:
2 5 8
3 6 4
4 7 5
PS C:\Users\mano\OneDrive\Desktop\Assignment > 
```

8.

```
#include<stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\mano\OneDrive\Desktop\Assignment > cd "c:\Users\mano\OneDrive\Desktop\Assignment" ; if ($?) { gcc Arrays8.c -o Arrays8 } ; if ($?) { ./Arrays8 }
Kalpana Yadav, 125113003
Enter the order of square matrix:3
Enter elements of matrix:
Element[0][0]:
3
Element[0][1]:
5
Element[0][2]:
46
Element[1][0]:
5
Element[1][1]:
6
Element[1][2]:
7
Element[2][0]:
5
Element[2][1]:
7
Element[2][2]:
8
Matrix is:
3 5 46
5 6 5
6 7 8
Sum of main diagonal elements is: 17
Sum of secondary diagonal elements is: 8
PS C:\Users\mano\OneDrive\Desktop\Assignment > PS C:\Users\mano\OneDrive\Desktop\Assignment > 
```

## Structures

1.

```
#include<stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\mano\OneDrive\Desktop\Assignment > cd "c:\Users\mano\OneDrive\Desktop\Assignment" ; if ($?) { gcc Structure1.c -o Structure1 } ; if ($?) { ./Structure1 }
Kalpana Yadav, 125113003
Details of students
Roll number: 13
Name of student: Kalpana
Marks of student: 50
PS C:\Users\mano\OneDrive\Desktop\Assignment > 
```

2.

```
#include<stdio.h>
PS :C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment"
PS :C:\Users\manoj\OneDrive\Desktop\Assignment> gcc Structure2.c -o Structure2
PS :C:\Users\manoj\OneDrive\Desktop\Assignment> ./Structure2
Kalpana Yadav, 125113003
Enter number of students
3
Enter details of student 1
Name:Kalpana
Roll number
3
Marks
99
Enter details of student 2
Name:komal
Roll number
4
Marks
98
Enter details of student 3
Name:khushi
Roll number
5
Marks
97
Student with highest marks
Name: Kalpana
Roll number: 3
Marks: 99.000000
PS :C:\Users\manoj\OneDrive\Desktop\Assignment>
```

3.

```
#include<stdio.h>
PS :C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment"
PS :C:\Users\manoj\OneDrive\Desktop\Assignment> gcc Structure3##.c -o Structure3##
PS :C:\Users\manoj\OneDrive\Desktop\Assignment> ./Structure3##
Kalpana Yadav, 125113003
Enter number of books:
Enter details of book:
ID:123
Name:Harry_Potter
Author:Harry
Price:600
Enter details of book:
ID:124
Name:Panchtantra
Author:Devdas
Price:780
Books with price above 500
Name of the book is Harry_Potter
Author of the book is Harry
Price of the book is 600.000000 ID of book is 123
Name of the book is Harry_Potter
Author of the book is Harry
Price of the book is 600.000000 ID of book is 124
Name of the book is Panchtantra
Author of the book is Devdas
Price of the book is 780.000000
PS :C:\Users\manoj\OneDrive\Desktop\Assignment>
```

4.

```
Assignment C
Help <- > Q Assignment C
Welcome Conditional4.c Conditional9##.c Arrays6.c Structure3##.c Structure4.c X
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment C> cd "C:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Structure4.c -o Structure4 } ; if ($?) { \& Structure4 }
Kalpana Yadav, 125113003
Enter number of students
2
Details of student 1
Name
Kalpana
Roll number
3
Marks
99
Details of student 2
Name
khushi
Roll number
4
Marks
98
Sum of marks is 197.000000
Average of marks is 98.500000
PS C:\Users\manoj\OneDrive\Desktop\Assignment C>
```

5.

```
Assignment C
Terminal Help <- > Q Assignment C
Welcome Conditional4.c Conditional9##.c Arrays6.c Structure3##.c Structure5.c X
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment C> cd "C:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Structure5.c -o Structure5 } ; if ($?) { \& Structure5 }
Kalpana Yadav, 125113003
Enter Basic Salary: 250000
Enter Dearness Allowance (DA): 45000
Enter House Rent Allowance (HRA): 15000
Gross Salary = 310000.00
PS C:\Users\manoj\OneDrive\Desktop\Assignment C>
```

6.

```
Assignment C
Terminal Help <- > Q Assignment C
Welcome Conditional4.c Conditional9##.c Arrays6.c Structure6.c X
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment C> cd "C:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Structure6.c -o Structure6 } ; if ($?) { \& Structure6 }
Kalpana Yadav, 125113003
Enter Employee ID: 123
Enter Employee Name: Kalpana
Enter Basic Salary: 250000
Enter Dearness Allowance (DA): 24000
Enter House Rent Allowance (HRA): 15000
--- Employee Details ---
ID: 123
Name: Kalpana
Basic Salary: 250000.00
Dearness Allowance (DA): 24000.00
House Rent Allowance (HRA): 15000.00
Gross Salary: 289000.00
PS C:\Users\manoj\OneDrive\Desktop\Assignment C>
```

7.

```
#include <stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "C:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Structure7.c -o Structure7 } ; if ($?) { ./Structure7 }
Kalpana Yadav, 125113003
Enter student name: Kalpana
Enter roll number: 3
Enter DOB (day month year): 2 10 2006
--- Student Details ---
Name: Kalpana
Roll: 3
DOB : 02-10-2006
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

8.

```
#include <stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "C:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Structure8.c -o Structure8 } ; if ($?) {
structure8
}
Kalpana Yadav, 125113003
Enter number of students: 3
Enter details for student 1
Roll number: 3
Name: Kalpana
Marks: 100
Enter details for student 2
Roll number: 4
Name: Khushi
Marks: 99
Enter details for student 3
Roll number: 5
Name: Komal
Marks: 98
--- Student Records Sorted by Roll Number ---
Roll: 3, Name: Kalpana, Marks: 100.00
Roll: 4, Name: Khushi, Marks: 99.00
Roll: 5, Name: Komal, Marks: 98.00
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

## Pointer

1.

```
#include <stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "C:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Pointer1.c -o Pointer1 } ; if ($?) { ./Pointer1 }
Kalpana Yadav, 125113003
Enter two numbers:
23
24
Before swapping: x = 23, y = 24
After swapping: x = 24, y = 23
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

2.



```
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "C:\Users\manoj\OneDrive\Desktop\Assignment"
PS C:\Users\manoj\OneDrive\Desktop\Assignment> if ($?) { gcc Pointer2.c -o Pointer2 }
PS C:\Users\manoj\OneDrive\Desktop\Assignment> if ($?) { .\Pointer2 }
Enter number of elements in array: 6
Kalpana Yadav, 125113003
Enter 6 elements:
2
3
4
5
6

78
Sum of array elements = 98
PS C:\Users\manoj\OneDrive\Desktop\Assignment> [
```

3.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "C:\Users\manoj\OneDrive\Desktop\Assignment"
PS C:\Users\manoj\OneDrive\Desktop\Assignment> gcc Pointer3.c -o Pointer3
PS C:\Users\manoj\OneDrive\Desktop\Assignment> ./Pointer3
Kalpana Yadav, 125113003
Enter a string: congratulations
Length of string = 15
```

4.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "C:\Users\manoj\OneDrive\Desktop\Assignment"
PS C:\Users\manoj\OneDrive\Desktop\Assignment> gcc Pointer4.c -o Pointer4
PS C:\Users\manoj\OneDrive\Desktop\Assignment> ./Pointer4
Enter a string: String
Copied string: String
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

5.



The screenshot shows a terminal window with the following content:

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "C:\Users\manoj\OneDrive\Desktop\Assignment C" ; if ($?) { gcc Pointer5.c -o Pointer5 } ; if ($?) { ./Pointer5 }
```

Output:

```
Kalpana Yadav, 125113003
Enter roll number: 3
Enter name: Kalpana
Enter marks: 98

--- Student Details ---
Roll Number: 3
Name: Kalpana
Marks: 98.00
PS C:\Users\manoj\OneDrive\Desktop\Assignment > [ ]
```

6.

```
#include <stdio.h>
Kalpana Yadav, 125113003
Enter number of elements: 5
2
3
5
6
8
Largest element = 8
Smallest element = 2
```

7.

```
#include <stdio.h>
Kalpana Yadav, 125113003
Enter number of elements: 5
3
4
5
8
9
Array elements are:
3 4 5 8 9
```

8.

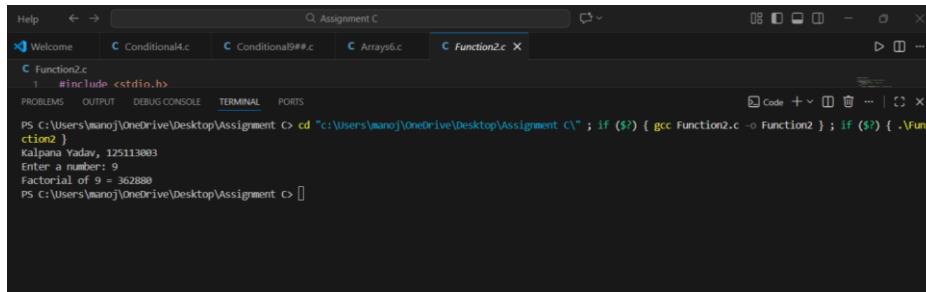
```
#include <stdio.h>
Value of x = 10
Value of x using *p = 10
Value of x using **pp = 10
Address of x = 0061FF18
Address stored in p = 0061FF18
Address stored in pp = 0061FF1A
```

## Functions

1.

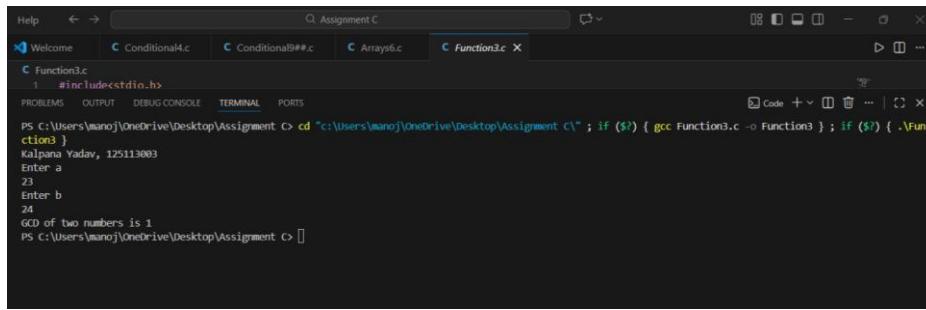
```
#include <stdio.h>
Enter number to be checked
75
Not a prime
```

2.



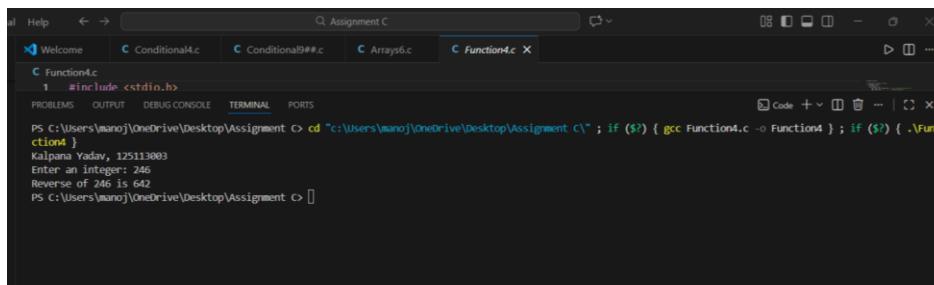
```
Assignment C
C Function2.c
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment C"
PS C:\Users\manoj\OneDrive\Desktop\Assignment> gcc Function2.c -o Function2
PS C:\Users\manoj\OneDrive\Desktop\Assignment> ./Function2
Enter a number: 9
Factorial of 9 = 362880
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

3.



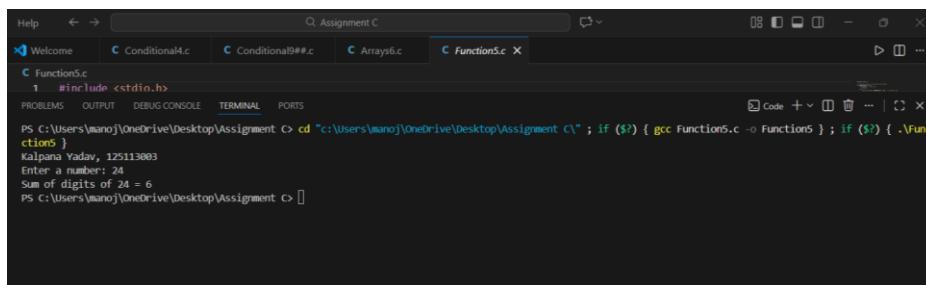
```
Assignment C
C Function3.c
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment C"
PS C:\Users\manoj\OneDrive\Desktop\Assignment> gcc Function3.c -o Function3
PS C:\Users\manoj\OneDrive\Desktop\Assignment> ./Function3
Enter a: 23
Enter b: 24
GCD of two numbers is 1
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

4.



```
Assignment C
C Function4.c
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment C"
PS C:\Users\manoj\OneDrive\Desktop\Assignment> gcc Function4.c -o Function4
PS C:\Users\manoj\OneDrive\Desktop\Assignment> ./Function4
Enter an integer: 246
Reverse of 246 is 642
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

5.



```
Assignment C
C Function5.c
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment C"
PS C:\Users\manoj\OneDrive\Desktop\Assignment> gcc Function5.c -o Function5
PS C:\Users\manoj\OneDrive\Desktop\Assignment> ./Function5
Enter a number: 24
Sum of digits of 24 = 6
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

6.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Function6.c -o Function6 } ; if ($?) { ./Function6 }
Kalpana Yadav, 125113003
Enter a string: NAWAN
NAWAN is a palindrome.
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

7.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Function7.c -o Function7 } ; if ($?) { ./Function7 }
Kalpana Yadav, 125113003
Enter number of rows and columns: 2
2
Enter elements of first matrix:
2
3
6
7
Enter elements of second matrix:
8
9
7
5

Resultant Matrix after Addition:
10 12
13 12
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

8.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment> cd "c:\Users\manoj\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Function8.c -o Function8 } ; if ($?) { ./Function8 }
Kalpana Yadav, 125113003
Enter number of elements: 6
Enter 6 elements:
3
4
5
6
7
89
Average of array elements = 19.00
PS C:\Users\manoj\OneDrive\Desktop\Assignment>
```

9.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:/Users/manoj/OneDrive/Desktop/Assignment C\" ; if ($?) { gcc Function9.c -o Function9 } ; if ($?) { ./Function9 }

Kaipana Yadav, 125113803
Initially: a = 5, b = 5
Inside callByValue, x = 15
After callByValue, a = 5

Inside callByReference, y = 15
After callByReference, b = 15
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

## File Handling

1.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:/Users/manoj/OneDrive/Desktop/Assignment C\" ; if ($?) { gcc Filehandling1.c -o Filehandling1 } ; if ($?) { ./Filehandling1 }

Kaipana Yadav, 125113803
Enter the Text: Good evening 1,8,9,7,10
Text has been written to number.txt successfully.
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

2.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:/Users/manoj/OneDrive/Desktop/Assignment C\" ; if ($?) { gcc Filehandling2.c -o Filehandling2 } ; if ($?) { ./Filehandling2 }

Kaipana Yadav, 125113803
Contents of the file:
Good evening 1,8,9,7,10
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

3.

```
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:/Users/manoj/OneDrive/Desktop/Assignment C\" ; if ($?) { gcc Filehandling3.c -o Filehandling3 } ; if ($?) { ./Filehandling3 }

Kaipana Yadav, 125113803
Enter the filename: number.txt
Characters: 24
Words: 1
Lines: 1
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

4.

```
Assignment C
Filehandling4.cpp
1 #include <stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment"
PS C:\Users\manoj\OneDrive\Desktop\Assignment > if ($?) { g++ Filehandling4.cpp -o Filehandling4 } ; if ($?
) { .\Filehandling4 }
Kalpana Yadav, 125113803
Enter source filename: number.txt
Enter destination filename: output.txt
File copied successfully from number.txt to output.txt
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

5.

```
Assignment C
Filehandling5.cpp
1 #include <stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment"
PS C:\Users\manoj\OneDrive\Desktop\Assignment > if ($?) { g++ Filehandling5.cpp -o Filehandling5 } ; if ($?
) { .\Filehandling5 }
Kalpana Yadav, 125113803
Enter the filename: number.txt
Enter text to append: Success
Data appended successfully to number.txt
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

6.

```
Assignment C
Filehandling6.c
1 #include <stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment"
PS C:\Users\manoj\OneDrive\Desktop\Assignment > if ($?) { gcc Filehandling6.c -o Filehandling6 } ; if ($?
) { .\Filehandling6 }
Kalpana Yadav, 125113803
Enter Roll No: 3
Enter Name: Kalpana
Enter Marks: 99
Stored Record:
Roll No: 3
Name : Kalpana
Marks : 99.00
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

7.

```
Assignment C
Filehandling7.c
1 #include <stdio.h>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\manoj\OneDrive\Desktop\Assignment > cd "c:\Users\manoj\OneDrive\Desktop\Assignment"
PS C:\Users\manoj\OneDrive\Desktop\Assignment > if ($?) { gcc Filehandling7.c -o Filehandling7 } ; if ($?
) { .\Filehandling7 }
Kalpana Yadav, 125113803
No numbers found in the file.
PS C:\Users\manoj\OneDrive\Desktop\Assignment >
```

8.

A screenshot of a terminal window titled "Assignment C". The window shows the following command-line session:

```
PS C:\Users\mano\OneDrive\Desktop\Assignment > cd "c:\Users\mano\OneDrive\Desktop\Assignment C\" ; if ($?) { gcc Filehandling8.c -o Filehandling8 } ; if ($?) { .\Filehandling8 }
```

The output indicates that the files were merged successfully into merged.txt. The terminal window also displays the user's name, Kalpana Vadav, and ID, I25113003.

At the bottom of the terminal window, there is a status bar with the following information: Line 1, Col 1, Spaces: 4, UTF-8, CRLF, {}, C, and a refresh icon.