

## ASSINGMENT 1-1

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS Code + - ×

PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language practical assgingment\" ; if (?) { gcc assingment1-1.c -o assingment1-1 } ; if (?) { ./assingment1-1 }

DIWALI FIREWORKS
Item price: 54
Number of items: 9
Discount percentage: 13
Final amount to be paid: 423.00 rupees
PS D:\BCA 1B\MAYANK DEWANGAN c\c language practical assgingment> █

Ln 19, Col 18 Spaces: 4 UTF-8 CRLF { } C Finish S

< main* ⓘ ⓘ 0 △ 0
Windows Start, Task View, File Explorer, Settings, File Manager, Microsoft Edge, Spotify, Visual Studio Code, Microsoft Word, LinkedIn, Google Chrome, Google Sheets, GitHub, Microsoft Teams, Microsoft Word, Microsoft Word, Microsoft Word
```

## ASSINGMENT 1-2

The screenshot shows a terminal window with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language practical assingment\" ; if ($?) { gcc assigment1-2.c -o assigment1-2 } ; if ($?) { ./assigment1-2
}
54
54
Library Receipt

Member Initial: 5
Days:          00004
Fine:         216.00 INR
PS D:\BCA 1B\MAYANK DEWANGAN c\c language practical assingment>
```

The terminal shows the execution of a C program named 'assigment1-2'. The output includes a receipt with member information and a fine amount. The status bar at the bottom indicates the current file is 'main\*' and provides other terminal statistics.

## **ASSINGMENT 1-3**

## ASSINGMENT 1-4

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\BCA 1B\MAYANK DEWANGAN > cd "d:\BCA 1B\MAYANK DEWANGAN c\c language practical assingment" ; if ($?) { gcc assingment1-4.c -o assingment1-4 } ; if ($?) { ./assingment1-4
}
45
=> Welcome to the Floating Fortune Teller =>

%f      -> 45.000000
%.1f    -> 45.0
%.2f    -> 45.00
%.3f    -> 45.000
%.2f    -> 45.00
%.3f    -> 45.000
%.0.2f   -> 45.00
%.10.4f  -> 45.0000
%e      -> 4.500000E+01
%E      -> 4.500000E+01
%g      -> 45
%G     -> 45

=> Each format changes how the float is displayed! =>
PS D:\BCA 1B\MAYANK DEWANGAN c\c language practical assingment>
```

Ln 12, Col 40 Spaces: 4 UTF-8 CRLF { } C Finish Set

The terminal window shows the execution of a C program named 'assingment1-4'. The program prints the value 45 using various printf format specifiers. The output demonstrates how the precision and style of floating-point numbers change with different specifiers like %f, %.1f, %.2f, etc.

## ASSINGMENT 1-5

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\BCA 1B\MAYANK DEWANGAN > cd "d:\BCA 1B\MAYANK DEWANGAN c\c language practical assingment" ; if ($?) { gcc assingment1-5.c -o assingment1-5 } ; if ($?) { ./assingment1-5
}
Hello, World!
PS D:\BCA 1B\MAYANK DEWANGAN c\c language practical assingment>
```

Ln 6, Col 2 Spaces: 4 UTF-8 CRLF { } C Finish Set

The terminal window shows the execution of a C program named 'assingment1-5'. The program prints the string 'Hello, World!' to the console.

## ASSINGMENT 2-1

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
```

```
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment" ; if ($?) { gcc assingment2-1.c -o assingment2-1 } ; if (?) { ./assingment2-1 }
```

```
2 2
```

```
Dry mayank dewangan
```

```
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
```

## ASSINGMENT 2-2

The screenshot shows a terminal window in VS Code with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
```

```
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment"; if ($?) { gcc assigment2-2.c -o assigment2-2 }; if ($?) { .\assigment2-2 }
```

```
}
```

```
9
```

```
29      Mayank dewangan
```

```
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
```

At the bottom, there are status icons for file changes, a diff view, and a search bar. The status bar at the bottom right shows: Ln 12, Col 3, Spaces: 4, UTF-8, CRLF, {}, C, and Finish S.

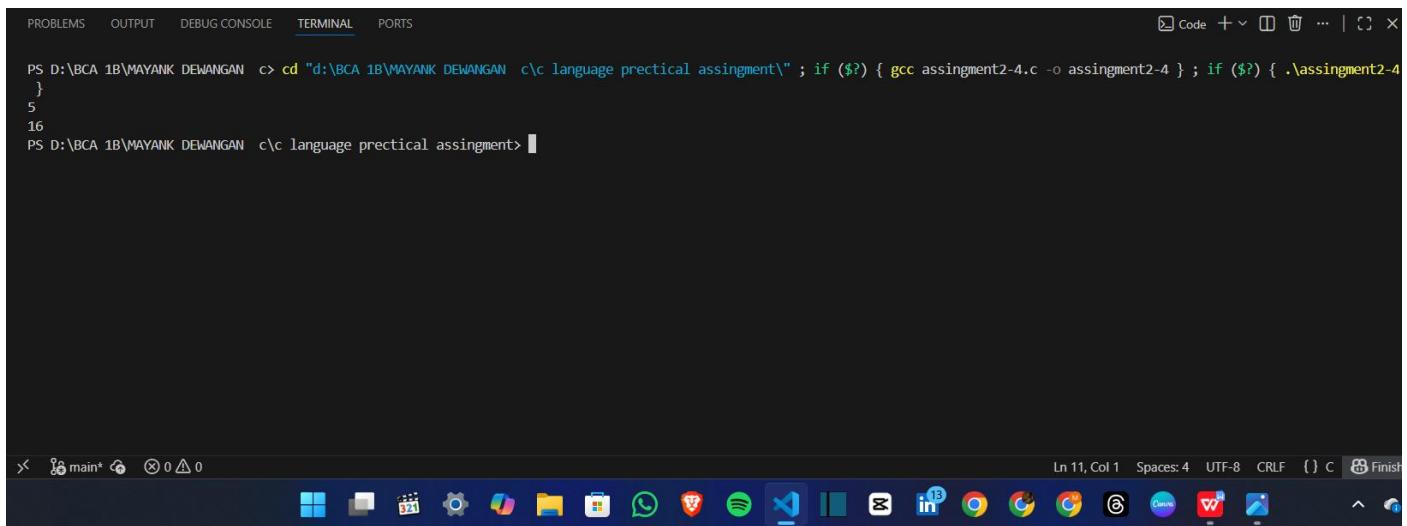
## **ASSINGMENT 2-3**

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
```

```
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assigment"
PS D:\BCA 1B\MAYANK DEWANGAN c> if (?) { gcc assigment2-3.c -o assigment2-3 }
PS D:\BCA 1B\MAYANK DEWANGAN c> if (?) { ./assigment2-3
}
9
5
4      Mayank dewangan
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assigment>
```

```
Ln 14, Col 2   Spaces: 4   UTF-8   CRLF   {} C   Finish Se
```

## ASSINGMENT 2-4



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

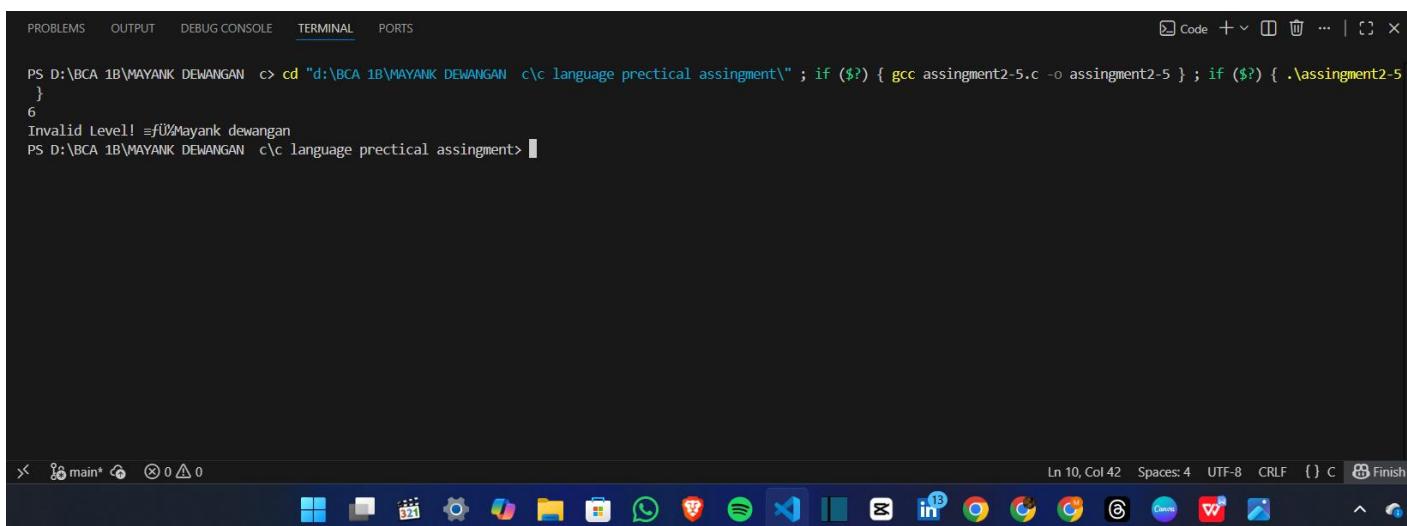
PS D:\BCA 1B\MAYANK DEWANGAN > cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment"
}
5
16
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
```

Ln 11, Col 1 Spaces: 4 UTF-8 CRLF { } C ⚙ Finish

X main\* 0 △ 0

Windows taskbar icons: File Explorer, Task View, File Manager, Settings, File Explorer, WhatsApp, Spotify, Visual Studio Code, Microsoft Edge, LinkedIn, Google Chrome, Microsoft Edge, Microsoft Word, Microsoft Excel.

## ASSINGMENT 2-5



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\BCA 1B\MAYANK DEWANGAN > cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment"
}
6
Invalid Level! éf0%Mayank dewangan
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
```

Ln 10, Col 42 Spaces: 4 UTF-8 CRLF { } C ⚙ Finish

X main\* 0 △ 0

Windows taskbar icons: File Explorer, Task View, File Manager, Settings, File Explorer, WhatsApp, Spotify, Visual Studio Code, Microsoft Edge, LinkedIn, Google Chrome, Microsoft Edge, Microsoft Word, Microsoft Excel.

## ASSINGMENT 3

## ASSINGMENT 4

The screenshot shows a terminal window with the following text:

```
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language practical assingment\" ; if ($?) { gcc assingment4.c -o assingment4 } ; if ($?) { .\assingment4 }
PS D:\BCA 1B\MAYANK DEWANGAN c\c language practical assingment>
```

The terminal window has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is selected), and PORTS. The status bar at the bottom right shows: Ln 10, Col 16, Spaces: 4, UTF-8, CRLF, [{}], and Finish Se.

The taskbar below the terminal window displays various icons for Windows and other applications like Spotify, Microsoft Edge, and File Explorer.

## ASSINGMENT 5

The screenshot shows a terminal window with the following text:

```
PS D:\BCA 1B\MAYANK DEWANGAN > cd "d:\BCA 1B\MAYANK DEWANGAN\c\c language practical assingment\" ; if ($?) { gcc assingment5.c -o assingment5 } ; if ($?) { ./assingment5 }
Factorial of 5 is 120
PS D:\BCA 1B\MAYANK DEWANGAN\c\c language practical assingment>
```

The terminal window has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is selected), and PORTS. The status bar at the bottom showsLn 16, Col 1 Spaces: 4 UTF-8 CRLF {} C Finish Se