

## ASSINGMENT 1-1

```
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 assingment1-1.c -o 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 prectical assingment>
```

## ASSINGMENT 1-2

```
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 assingment1-2.c -o assingment1-2 }
}
54
54
Library Receipt

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

## ASSINGMENT 1-3

```
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 assingment1-3.c -o assingment1-3 }
}
≡fÅ- Welcome to the Magical Escape Show ≡fÅ

\t -> This line is tabbed! (Example)
\n -> This text appears on a new line.
Next line here!
\\ -> Prints a single backslash: \
\" -> Prints double quotes: "Hello"
\' -> Prints single quotes: 'c'
\a -> You might hear a beep sound! ≡föö
\b -> Backspace in action: ABD
Now at start! Return test
\f -> Form feed moves to next page (not always visible)
\v -> Vertical tab below ≡fæ

Magic Below!
\? -> Prints a question mark safely: \?

Thank you for watching the Escape Show! ≡fÅ!RE{
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
```

## ASSINGMENT 1-4

```
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 assingment1-4.c -o assingment1-4 }
}
45
≡f0« Welcome to the Floating Fortune Teller ≡f00

%f      -> 45.000000
%.1f    -> 45.0
%.2f    -> 45.00
%.3f    -> 45.000
%.6.2f  -> 45.00
%.8.3f  -> 45.000
%.0.2f  -> 45.00
%.10.4f -> 45.0000
%e      -> 4.500000e+01
%E      -> 4.500000E+01
%g      -> 45
%G      -> 45

rE: Each format changes how the float is displayed! rE:
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
Ln 12, Col 40 Spaces: 4 UTF-8 CRLF {} C Finish Set
```

## ASSINGMENT 1-5

```
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 assingment1-5.c -o assingment1-5 }
}
Hello, World!
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
Ln 6, Col 2 Spaces: 4 UTF-8 CRLF {} C Finish Set
```

## 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> |
```

Ln 10, Col 30 Spaces: 4 UTF-8 CRLF {} C Finish Se

## ASSINGMENT 2-2

```
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 ($?) { gcc assingment2-2.c -o assingment2-2 } ; if ($?) { .\assingment2-2 }
}
9
29 Mayank dewangan
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment> |
```

Ln 12, Col 3 Spaces: 4 UTF-8 CRLF {} C Finish Se

## 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 assingment\" ; if ($?) { gcc assingment2-3.c -o assingment2-3 } ; if ($?) { .\assingment2-3 }
}
9
5
4 Mayank dewangan
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment> |
```

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 c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment\" ; if ($?) { gcc assingment2-4.c -o assingment2-4 }
}
5
16
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>

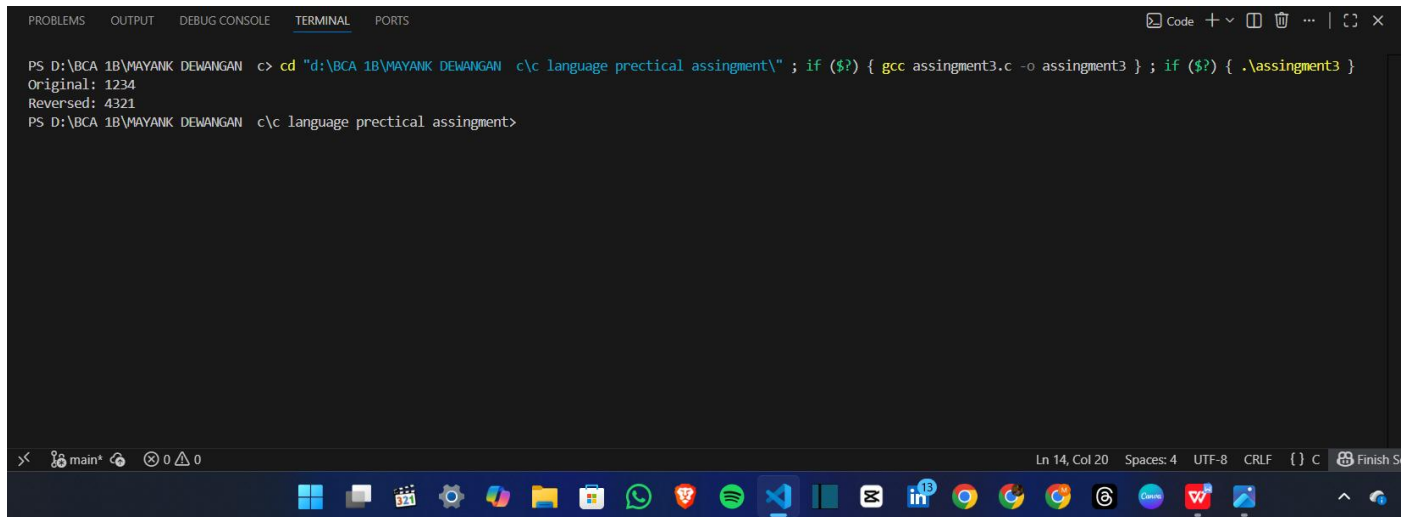
Ln 11, Col 1 Spaces: 4 UTF-8 CRLF {} C Finish
```

## ASSINGMENT 2-5

```
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 ($?) { gcc assingment2-5.c -o assingment2-5 } ; if ($?) { .\assingment2-5 }
}
6
Invalid Level! =fllMayank dewangan
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>

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

## ASSINGMENT 3

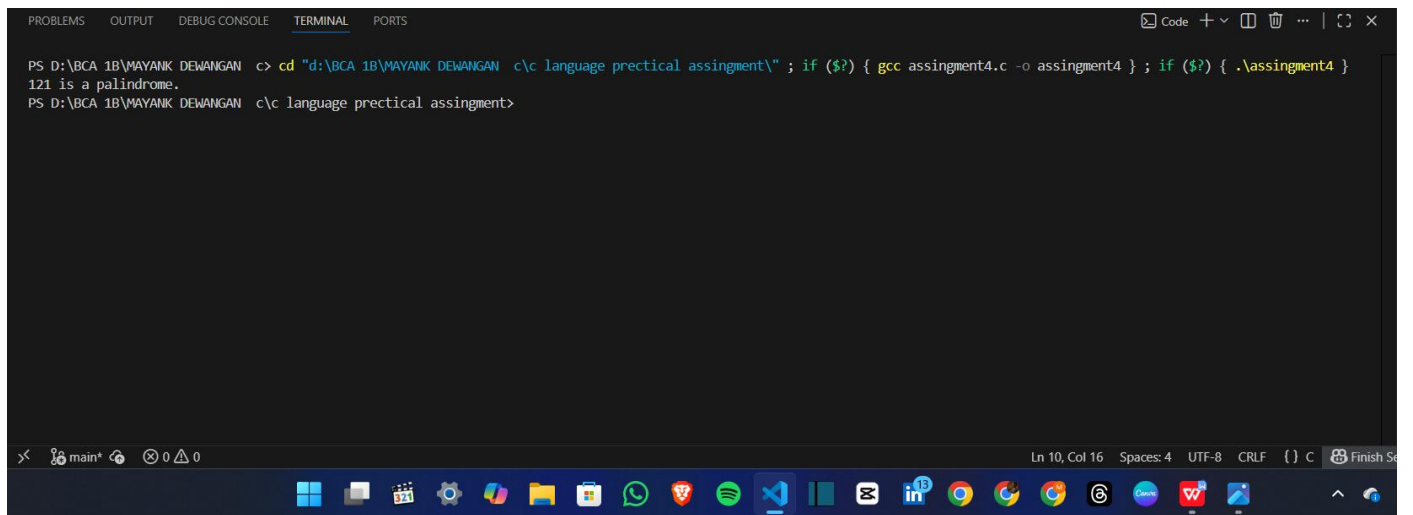


The image shows a Visual Studio Code terminal window with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment\" ; if ($?) { gcc assingment3.c -o assingment3 } ; if ($?) { .\assingment3 }
Original: 1234
Reversed: 4321
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
```

The terminal window has a status bar at the bottom showing "Ln 14, Col 20", "Spaces: 4", "UTF-8", "CRLF", and "C". The taskbar at the bottom of the screen shows various application icons including Windows, File Explorer, Settings, and several web browsers.

## ASSINGMENT 4



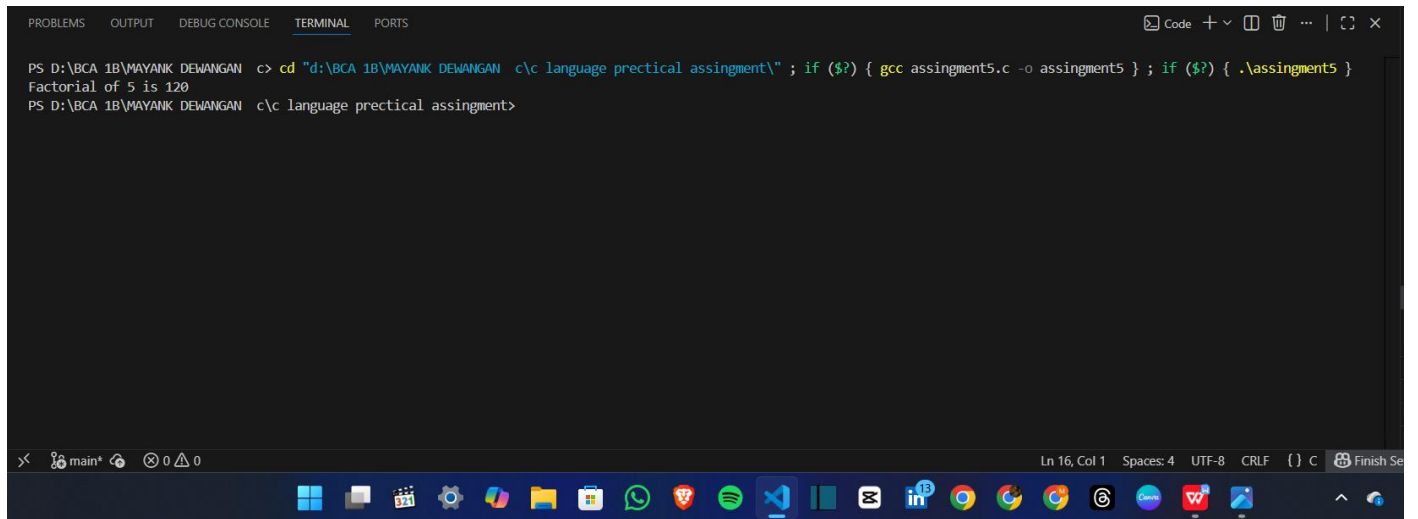
The image shows a Visual Studio Code terminal window with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment\" ; if ($?) { gcc assingment4.c -o assingment4 } ; if ($?) { .\assingment4 }
121 is a palindrome.
PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>
```

The terminal output shows the execution of a C program that checks if the number 121 is a palindrome. The program is compiled using gcc and then executed using the resulting binary file. The output of the program is "121 is a palindrome."

The bottom of the image shows the Windows taskbar with various application icons, including the Start menu, File Explorer, Settings, and several web browsers.

## ASSINGMENT 5



The image shows a Visual Studio Code (VS Code) terminal window. The terminal has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The TERMINAL tab is active. The prompt is 'PS D:\BCA 1B\MAYANK DEWANGAN'. The user enters the command: `c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment\" ; if ($?) { gcc assingment5.c -o assingment5 } ; if ($?) { .\assingment5 }`. The output shows 'Factorial of 5 is 120'. The user then enters the command: `PS D:\BCA 1B\MAYANK DEWANGAN c\c language prectical assingment>`. The status bar at the bottom shows 'Ln 16, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', and a 'Finish Se' button. The Windows taskbar is visible at the bottom with various application icons.

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

Ln 16, Col 1 Spaces: 4 UTF-8 CRLF {} C Finish Se