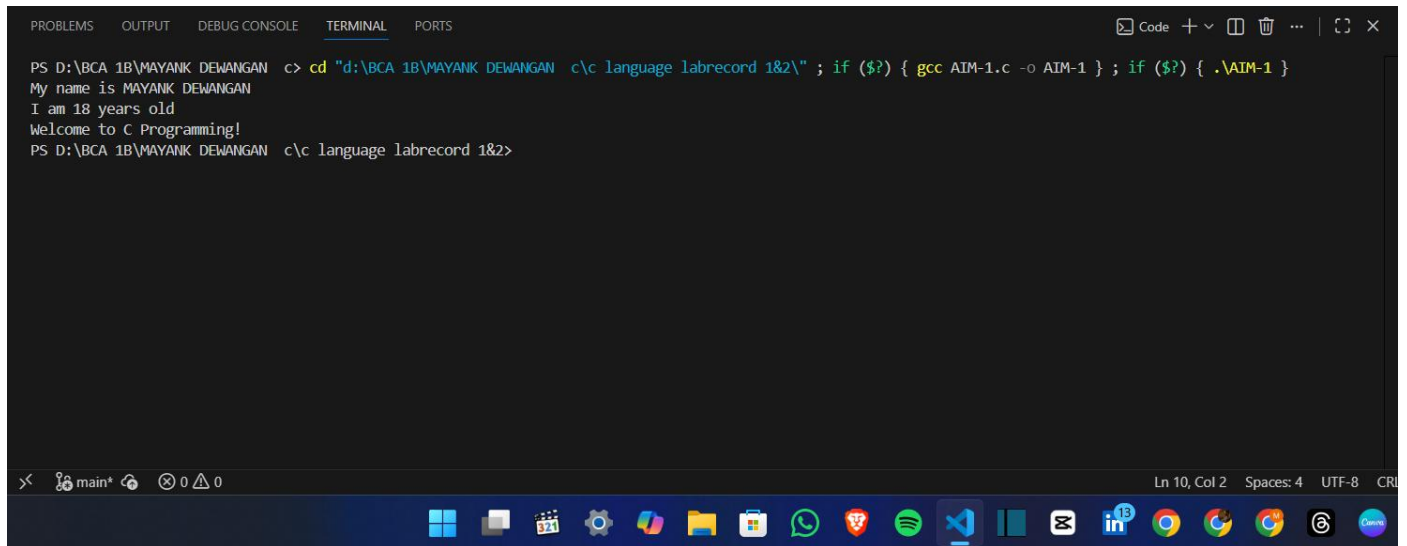


AIM 1



The image shows a Visual Studio Code terminal window with a dark theme. The terminal displays the execution of a C program. The prompt is 'PS D:\BCA 1B\MAYANK DEWANGAN'. The user enters 'c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if (\$?) { gcc AIM-1.c -o AIM-1 } ; if (\$?) { .\AIM-1 }'. The program outputs 'My name is MAYANK DEWANGAN', 'I am 18 years old', and 'Welcome to C Programming!'. The prompt returns to 'PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2>'. The terminal window has tabs for 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL', and 'PORTS'. The status bar at the bottom shows 'Ln 10, Col 2', 'Spaces: 4', 'UTF-8', and 'CRU'. The taskbar at the bottom contains icons for Windows, File Explorer, Settings, Visual Studio Code, and various social media and utility apps.

```
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if ($?) { gcc AIM-1.c -o AIM-1 } ; if ($?) { .\AIM-1 }
My name is MAYANK DEWANGAN
I am 18 years old
Welcome to C Programming!
PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2>
```

AIM 2-1

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if ($?) { gcc AIM-2-1.c -o AIM-2-1 } ; if ($?) { .\AIM-2-1 }
Enter two numbers: 123 123
Sum = 246
PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2> |
```

Ln 14, Col 2 Spaces: 4 UTF-8 CRL

AIM 2-2

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if ($?) { gcc AIM-2-2.C -o AIM-2-2 } ; if ($?) { .\AIM-2-2 }
Enter two numbers: 123 321
321 is the largest
PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2> |
```

Ln 14, Col 14 Spaces: 4 UTF-8 CRL

AIM 3

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if ($?) { gcc AIM-3.c -o AIM-3 } ; if ($?) { .\AIM-3 }
Enter an integer, float, character, and double value:
9
7
8
2

You entered:
Integer: 9
Float: 7.00
Character: 8
Double: 2.000

Enter two numbers to swap: 5 7
After swapping: x = 7, y = 5
PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2>
```

Ln 18, Col 1 Spaces: 4 UTF-8 CRL

AIM 4-1

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if ($?) { gcc AIM-4-1.c -o AIM-4-1 } ; if ($?) { .\AIM-4-1 }
Enter three numbers: 21 5 24
24 is the maximum
PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2> |
```

Microsoft Store

Ln 16, Col 13 Spaces: 4 UTF-8 CRL

AIM 4-2

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if ($?) { gcc AIM-4-2.c -o AIM-4-2 } ; if ($?) { .\AIM-4-2 }
Enter two numbers: 32 23
32 is largest
PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2> |
```

Ln 14, Col 2 Spaces: 4 UTF-8 CRL

AIM 4-3

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if ($?) { gcc AIM-4-3.c -o AIM-4-3 } ; if ($?) { .\AIM-4-3 }
Enter two numbers: 1754245 57454245
1. Addition
2. Subtraction
3. Multiplication
4. Division
Enter your choice: 3
Product = -1175515207
PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2> |
```

Ln 21, Col 1 Spaces: 4 UTF-8 CRLF

AIM 4-4

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\BCA 1B\MAYANK DEWANGAN c> cd "d:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2\" ; if ($?) { gcc AIM-4-4.c -o AIM-4-4 } ; if ($?) { .\AIM-4-4 }
Enter a number: 8885551
Number is Odd
PS D:\BCA 1B\MAYANK DEWANGAN c\c language labrecord 1&2> |
```

Ln 16, Col 14 Spaces: 4 UTF-8 CRLF