

Computer programing assignment

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1 All together

```
#include <stdio.h>

int main()
int a = 20;
int b = 5;
int sum, difference, product;
float division;
sum = a + b;
difference = a - b;
product = a * b;
division = (float)a / b;

printf("Addition = %d\n", sum);

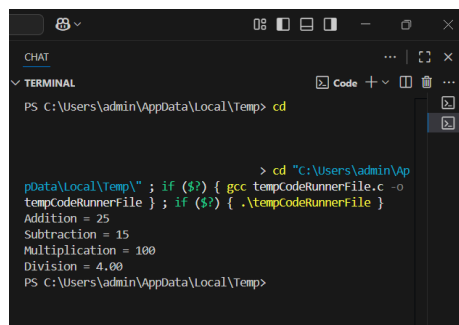
printf("Subtraction = %d\n", difference);

printf("Multiplication = %d\n", product);

printf("Division = %.2f\n", division);

return 0;
```

2 Output



The image shows a Windows Command Prompt window with a dark background. The title bar at the top includes standard Windows window controls (minimize, maximize, close) and a search icon. Below the title bar, there is a 'CHAT' tab and a 'TERMINAL' tab. The 'TERMINAL' tab is active, showing a PowerShell prompt. The user has entered the command `cd` to change the directory. The prompt then shows the full path `C:\Users\admin\AppData\Local\Temp`. The user has then entered a C program, which has been compiled and executed. The output of the program is displayed on the next line, showing the results of several arithmetic operations: `Addition = 25`, `Subtraction = 15`, `Multiplication = 100`, and `Division = 4.00`. The prompt returns to `PS C:\Users\admin\AppData\Local\Temp>`.

```
PS C:\Users\admin\AppData\Local\Temp> cd

> cd "C:\Users\admin\AppData\Local\Temp\" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }
Addition = 25
Subtraction = 15
Multiplication = 100
Division = 4.00
PS C:\Users\admin\AppData\Local\Temp>
```

Figure 1: