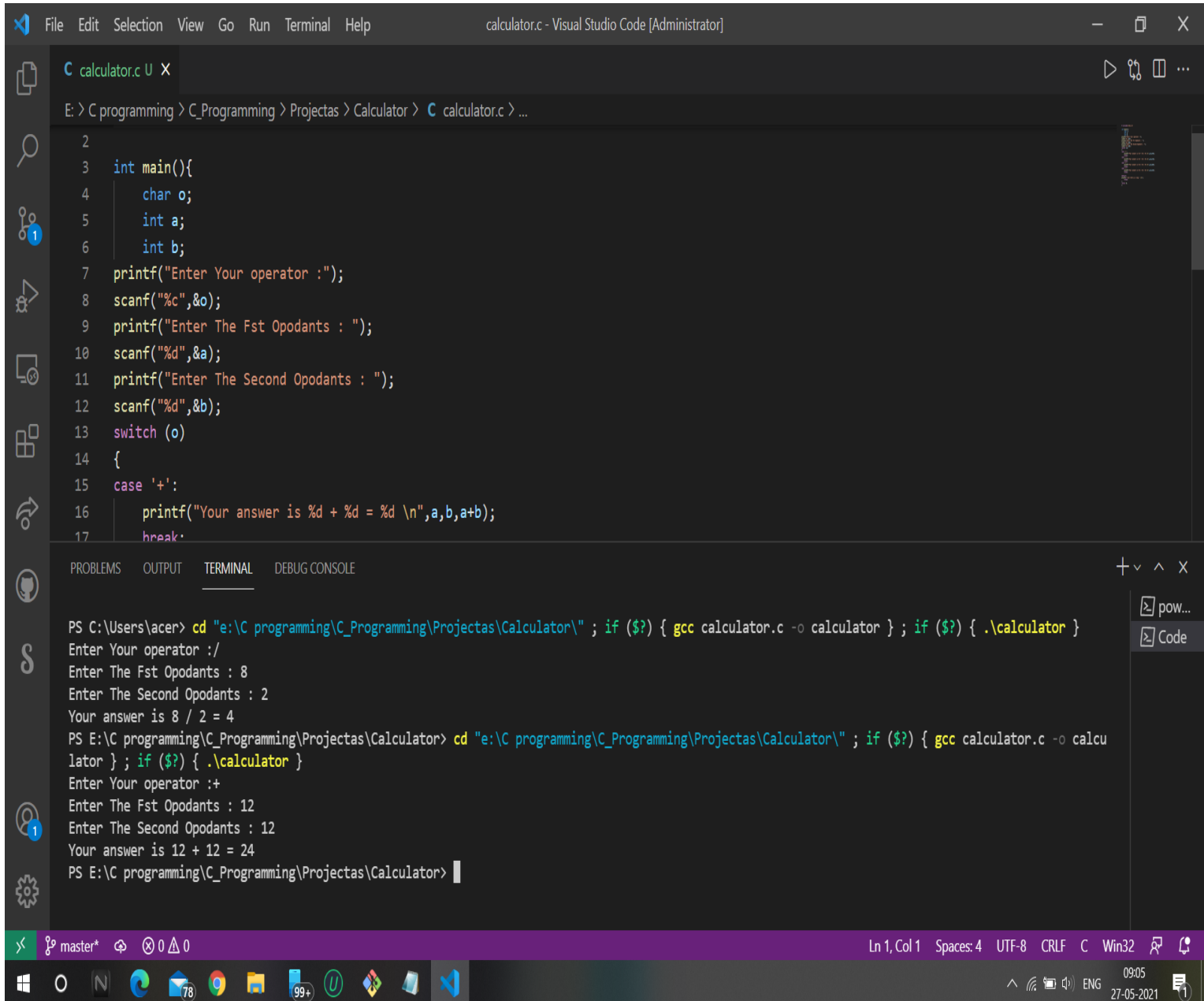


Basic Calculator

Calculator Use.

This is a simple basic calculator with memory functions similar to a small handheld calculator. Use this basic calculator for math with Addition, Subtraction, Division and Multiplication.

Example of Addition



The screenshot displays the Visual Studio Code editor with a C program named `calculator.c` open. The code is a simple calculator that prompts the user for an operator and two operands, then performs the calculation based on the operator. The program is being executed in a terminal window, showing the output of the program and the user's input.

```
calculator.c - Visual Studio Code [Administrator]

C calculator.c U X

E: > C programming > C_Programming > Projectas > Calculator > C calculator.c > ...

2
3 int main(){
4     char o;
5     int a;
6     int b;
7     printf("Enter Your operator :");
8     scanf("%c",&o);
9     printf("Enter The Fst Opodants : ");
10    scanf("%d",&a);
11    printf("Enter The Second Opodants : ");
12    scanf("%d",&b);
13    switch (o)
14    {
15    case '+':
16        printf("Your answer is %d + %d = %d \n",a,b,a+b);
17        break;
```

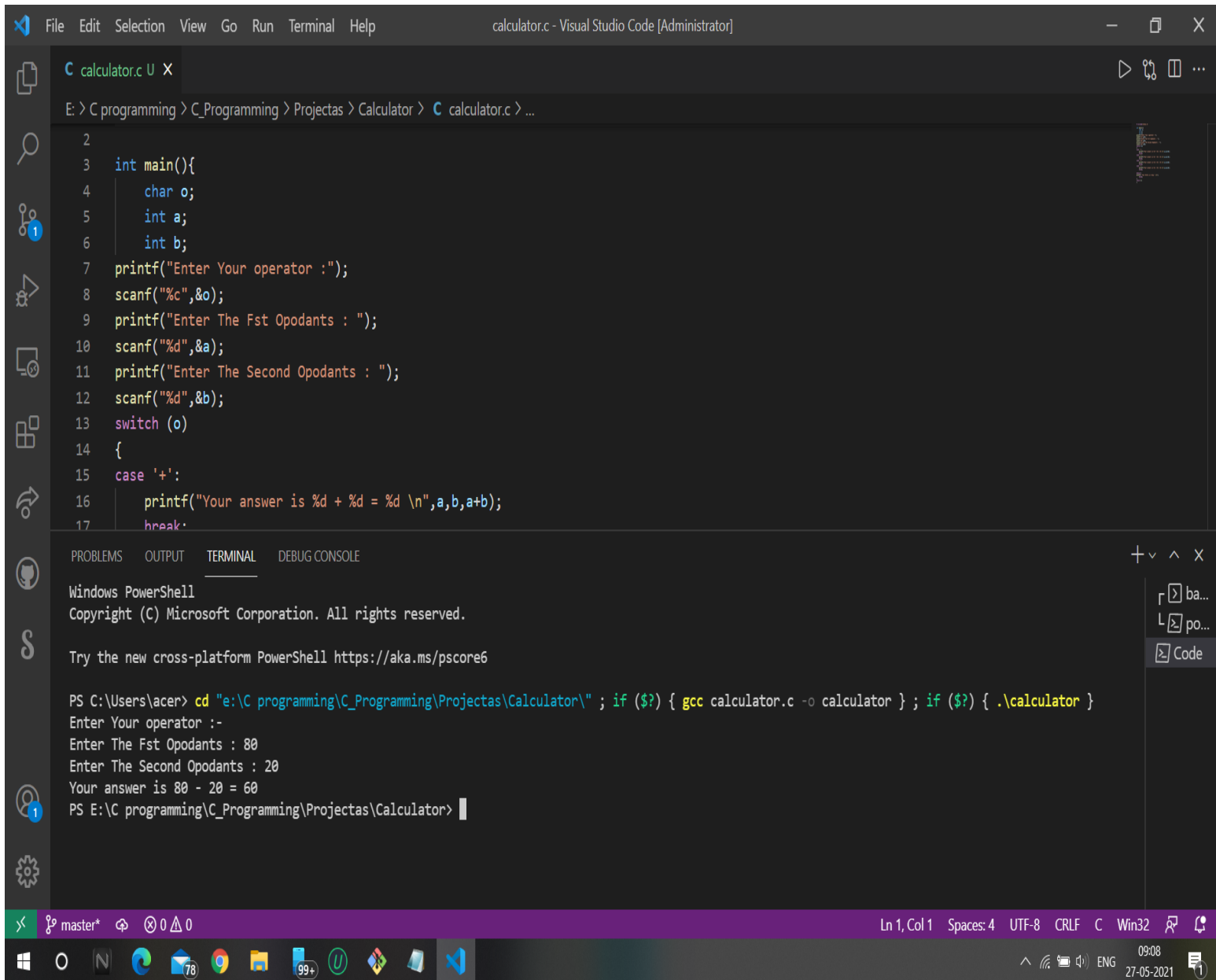
Terminal Output:

```
PS C:\Users\acer> cd "e:\C programming\C_Programming\Projectas\Calculator\" ; if ($?) { gcc calculator.c -o calculator } ; if ($?) { .\calculator }
Enter Your operator :/
Enter The Fst Opodants : 8
Enter The Second Opodants : 2
Your answer is 8 / 2 = 4
PS E:\C programming\C_Programming\Projectas\Calculator> cd "e:\C programming\C_Programming\Projectas\Calculator\" ; if ($?) { gcc calculator.c -o calcul
ator } ; if ($?) { .\calculator }
Enter Your operator :+
Enter The Fst Opodants : 12
Enter The Second Opodants : 12
Your answer is 12 + 12 = 24
PS E:\C programming\C_Programming\Projectas\Calculator>
```

Visual Studio Code interface details: The editor shows the `calculator.c` file. The terminal window is active, showing the command prompt and the output of the program. The status bar at the bottom indicates the current file is `master*`, the cursor is at `Ln 1, Col 1`, and the encoding is `UTF-8`.

Basic Calculator

Example of Subtraction....



```
calculator.c - Visual Studio Code [Administrator]

C calculator.c X

E: > C programming > C_Programming > Projectas > Calculator > C calculator.c > ...

2
3 int main(){
4     char o;
5     int a;
6     int b;
7     printf("Enter Your operator :");
8     scanf("%c",&o);
9     printf("Enter The Fst Opodants : ");
10    scanf("%d",&a);
11    printf("Enter The Second Opodants : ");
12    scanf("%d",&b);
13    switch (o)
14    {
15    case '+':
16        printf("Your answer is %d + %d = %d \n",a,b,a+b);
17        break;
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

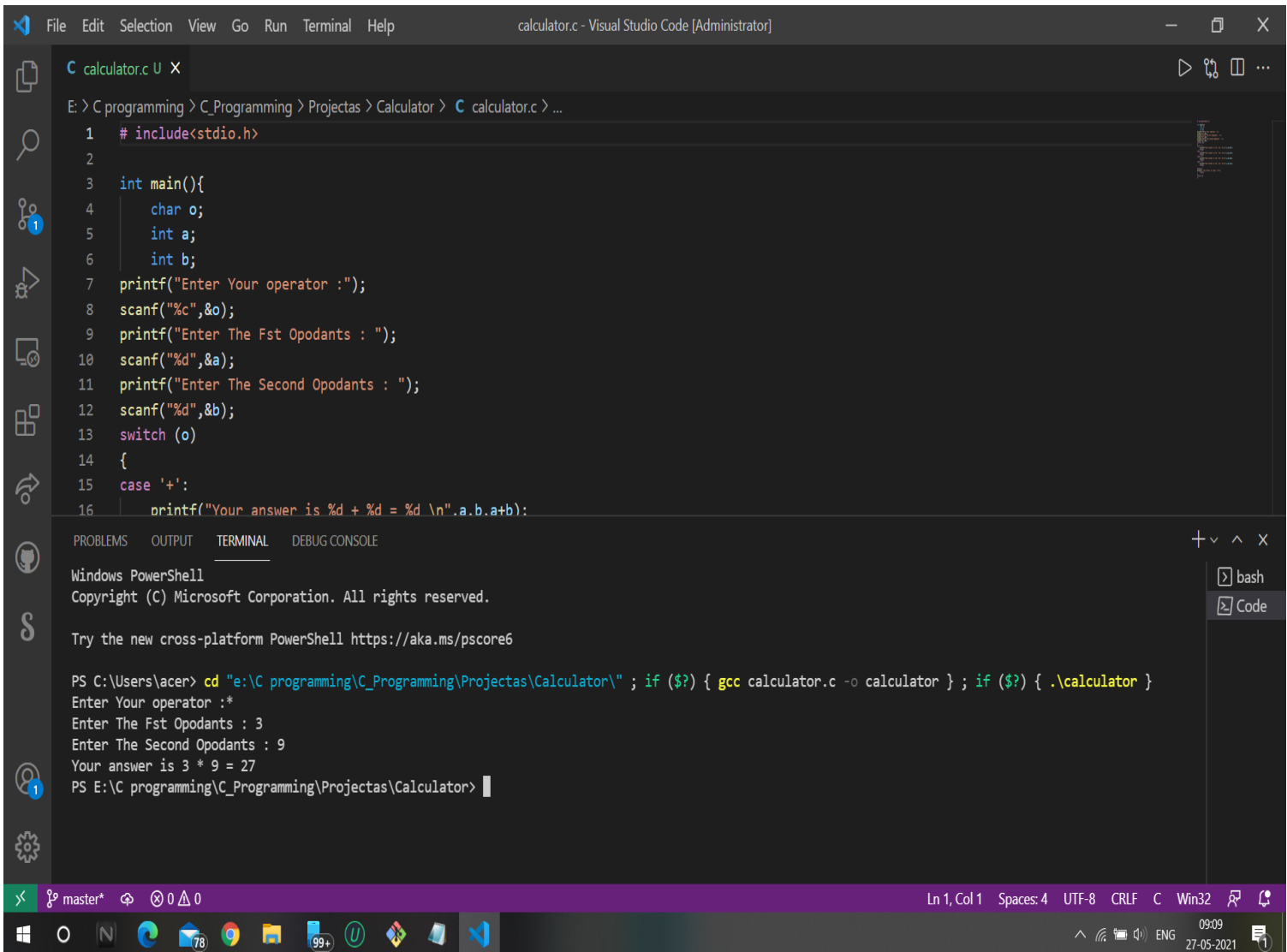
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS C:\Users\acer> cd "e:\C programming\C_Programming\Projectas\Calculator\" ; if ($?) { gcc calculator.c -o calculator } ; if ($?) { .\calculator }
Enter Your operator :-
Enter The Fst Opodants : 80
Enter The Second Opodants : 20
Your answer is 80 - 20 = 60
PS E:\C programming\C_Programming\Projectas\Calculator>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF C Win32 09:08 27-05-2021

Basic Calculator

Example of Multiplication....



The image shows a Visual Studio Code editor window with a C program named `calculator.c` and a terminal window below it. The C program is a basic calculator that prompts the user for an operator and two operands, then performs the operation. The terminal shows the program being compiled and executed, with the user inputting `*` for multiplication, `3` for the first operand, and `9` for the second operand. The output shows the result `3 * 9 = 27`.

```
calculator.c - Visual Studio Code [Administrator]

C calculator.c U X

E: > C programming > C_Programming > Projectas > Calculator > C calculator.c > ...

1  #include<stdio.h>
2
3  int main(){
4      char o;
5      int a;
6      int b;
7      printf("Enter Your operator :");
8      scanf("%c",&o);
9      printf("Enter The Fst Opodants : ");
10     scanf("%d",&a);
11     printf("Enter The Second Opodants : ");
12     scanf("%d",&b);
13     switch (o)
14     {
15     case '+':
16         printf("Your answer is %d + %d = %d \n".a.b.a+b):
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

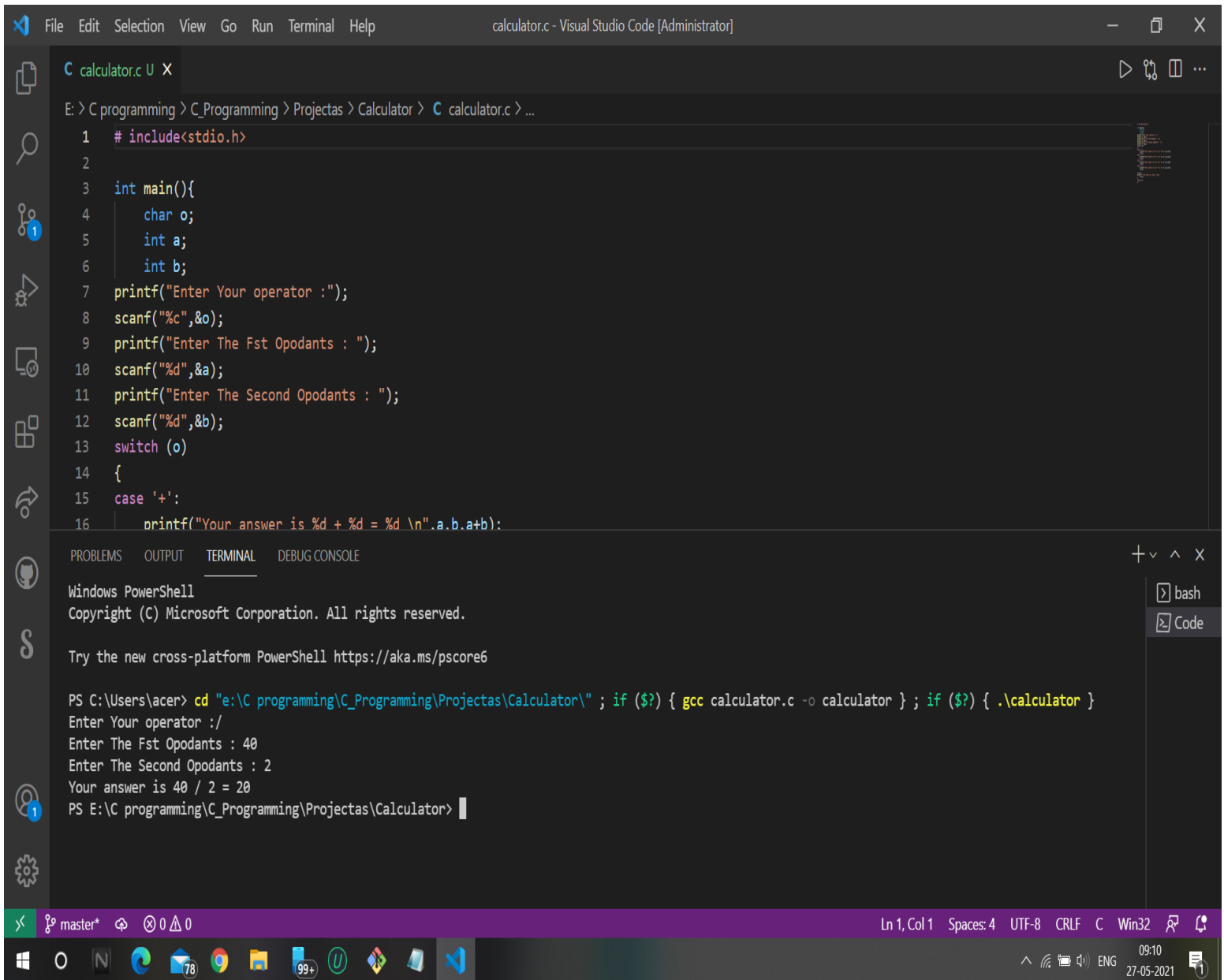
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS C:\Users\acer> cd "e:\C programming\C_Programming\Projectas\Calculator\" ; if ($?) { gcc calculator.c -o calculator } ; if ($?) { .\calculator }
Enter Your operator :*
Enter The Fst Opodants : 3
Enter The Second Opodants : 9
Your answer is 3 * 9 = 27
PS E:\C programming\C_Programming\Projectas\Calculator>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF C Win32 09:09 27-05-2021

Basic Calculator

Example of Division...



The image shows a Visual Studio Code editor window titled "calculator.c - Visual Studio Code [Administrator]". The editor displays a C program named "calculator.c" with the following code:

```
1 #include<stdio.h>
2
3 int main(){
4     char o;
5     int a;
6     int b;
7     printf("Enter Your operator :");
8     scanf("%c",&o);
9     printf("Enter The Fst Opodants : ");
10    scanf("%d",&a);
11    printf("Enter The Second Opodants : ");
12    scanf("%d",&b);
13    switch (o)
14    {
15    case '+':
16        printf("Your answer is %d + %d = %d \n".a.b.a+b):
```

Below the editor, the "TERMINAL" tab is active, showing the execution of the program in a Windows PowerShell environment. The output is as follows:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\acer> cd "e:\C programming\C_Programming\Projectas\Calculator\" ; if ($?) { gcc calculator.c -o calculator } ; if ($?) { .\calculator }
Enter Your operator :/
Enter The Fst Opodants : 40
Enter The Second Opodants : 2
Your answer is 40 / 2 = 20
PS E:\C programming\C_Programming\Projectas\Calculator>
```

The status bar at the bottom indicates the current line and column (Ln 1, Col 1), the number of spaces (4), the encoding (UTF-8), the line ending (CRLF), the language (C), and the platform (Win32). The system tray shows the time as 09:10 on 27-05-2021.