

LAB-1

12. PROGRAM TO PRINT ASCII CODE OF ANY CHARACTER.

```
#include <stdio.h>

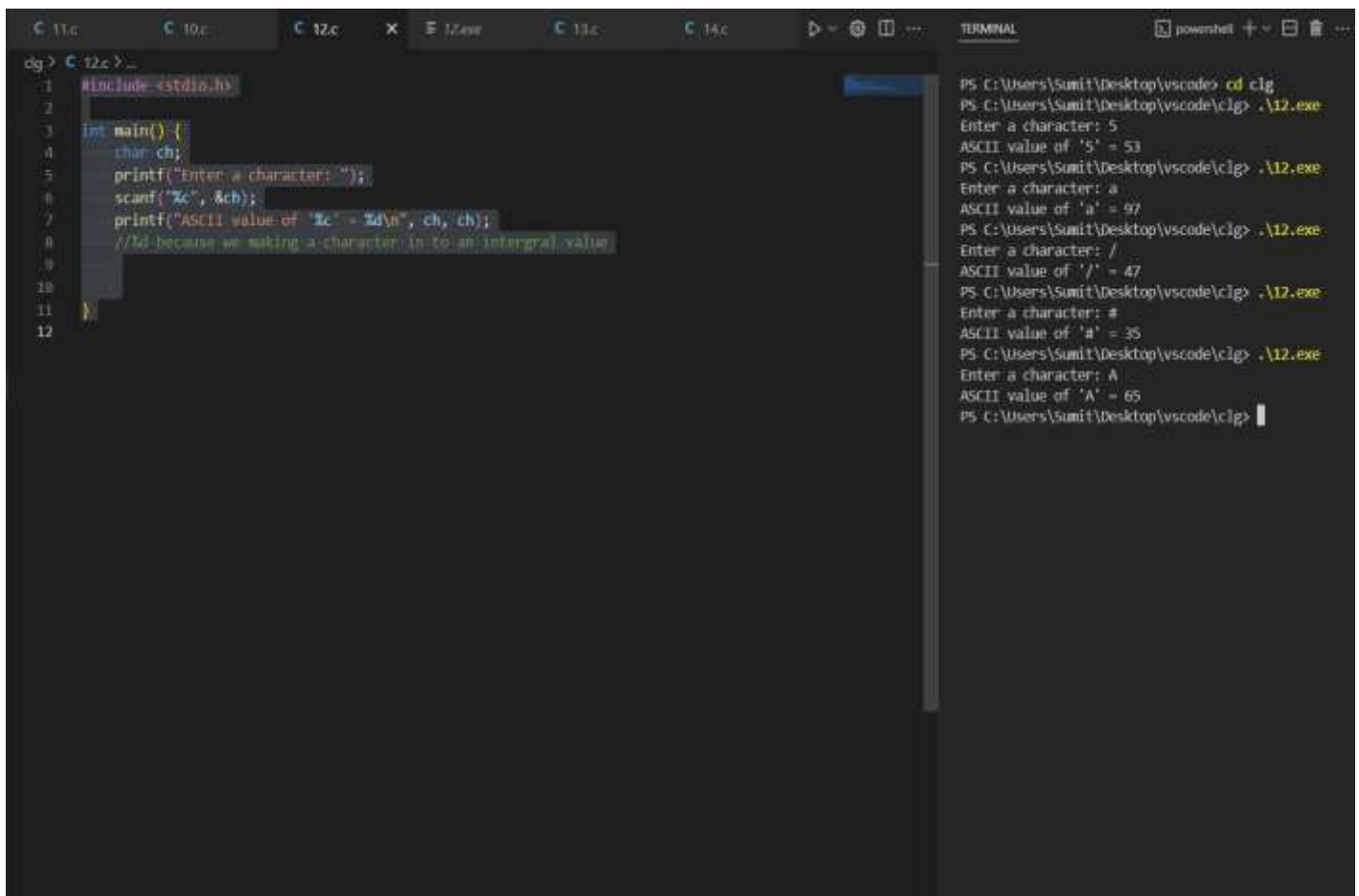
int main()
{ char ch;

  printf("Enter a character: ");

  scanf("%c", &ch);

  printf("ASCII value of '%c' = %d\n", ch, ch);

  //%d because we making a character in to an intergral value
}
```



The screenshot shows a Visual Studio Code editor with a C program open in a file named `12.c`. The code is as follows:

```
1 #include <stdio.h>
2
3 int main() {
4     char ch;
5     printf("Enter a character: ");
6     scanf("%c", &ch);
7     printf("ASCII value of '%c' = %d\n", ch, ch);
8     //%d because we making a character in to an intergral value
9 }
10
11
12
```

The terminal on the right shows the execution of the program. It prompts the user to enter a character and then displays the ASCII value for each input:

```
PS C:\Users\Sumit\Desktop\vscode> cd clg
PS C:\Users\Sumit\Desktop\vscode\clg> .\12.exe
Enter a character: 5
ASCII value of '5' = 53
PS C:\Users\Sumit\Desktop\vscode\clg> .\12.exe
Enter a character: a
ASCII value of 'a' = 97
PS C:\Users\Sumit\Desktop\vscode\clg> .\12.exe
Enter a character: /
ASCII value of '/' = 47
PS C:\Users\Sumit\Desktop\vscode\clg> .\12.exe
Enter a character: #
ASCII value of '#' = 35
PS C:\Users\Sumit\Desktop\vscode\clg> .\12.exe
Enter a character: A
ASCII value of 'A' = 65
PS C:\Users\Sumit\Desktop\vscode\clg>
```

