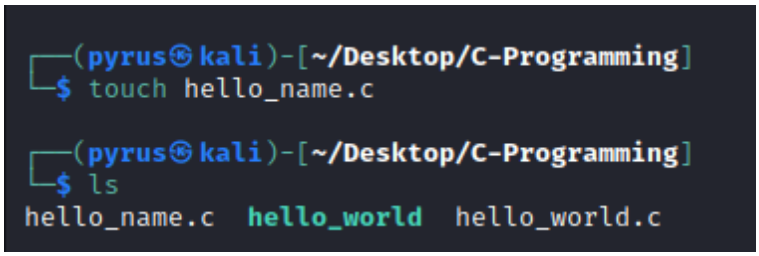
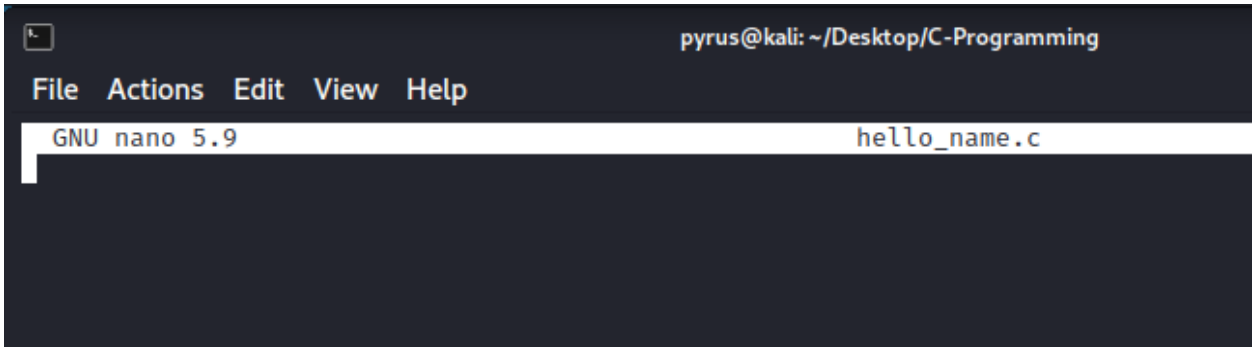
Hello {Your Name} Program:

Let's create our file



Let's open it with nano



Now let's include our stdio.h file and create our main function, we are using the void main() function as we will not return any value, we are just taking input and printing out our name with an added string, we are not going to the end of the function, so we can use void instead of int where we were going to the end of the program and returning a value.

Now lets initialize a variable called name and assign it 20 characters (you can add more if your name is longer than 20 characters)

```
  GNU nano 5.9
#include <stdio.h>

void main() {
    char name[20];
}
```

Now let's take input from the user who will be running this program and store the input that they give into the name variable using the scanf function

```
  GNU nano 5.9
#include <stdio.h>

void main() {
    char name[20];
    printf("What is your name? : ");
    scanf("%s", &name);
}
```

Now let's write a statement where we say "Hello" followed by the given input which is the users name

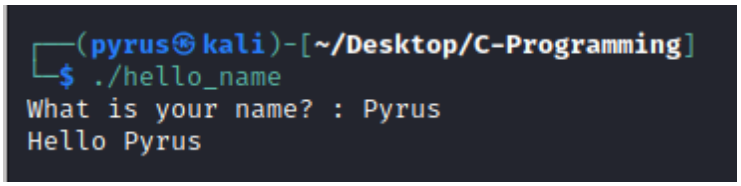
```
  GNU nano 5.9
#include <stdio.h>

void main() {
    char name[20];
    printf("What is your name? : ");
    scanf("%s", &name);
    printf("Hello %s", name);
}
```

Now lets save the file and compile it using GCC

```
┌──(pyrus㉿kali)-[~/Desktop/C-Programming]
└─$ gcc hello_name.c -o hello_name
```

Lets run the program



Awesome , we just wrote a program that asks for your name and says Hello to you.