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Task 01 : Reading blog on [প্রোগ্রামিং ও প্রোগ্রামিং ল্যাংগুয়েজ কি?](#)

Task 02 : Install and setup compiler

- i. vscode ([youtube video](#))
- ii. gcc install and add to environment path (optional) ([youtube video](#))
- iii. code blocks ([youtube video](#))
- iv. online compiler ([programiz](#) , [repl.it](#) etc.) ([Youtube video](#))

Task 03 : variable

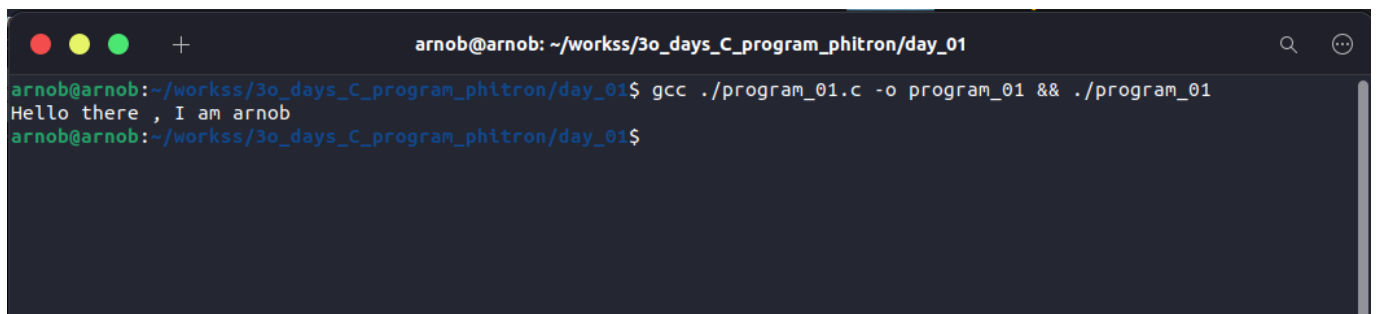
(i)

> watch and code video no. [11](#),[\[12\]](#)(C programming Bangla Tutorial 5.11 : Comments and Escape sequence - YouTube),[\[14\]](#)(C programming Bangla Tutorial 5.13 : Keyword, Variable, data type (part-1) - YouTube) from this [playlist](#)

First program : Print your name

```
#include <stdio.h>
int main()
{
    printf("Hello there , I am arnob\n");
    return 0;
}
```

Output :

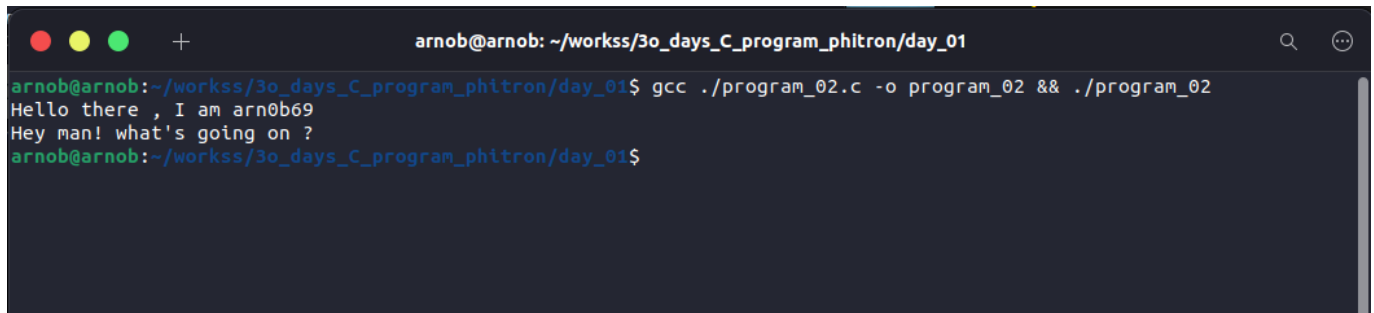
A terminal window with a dark background. The title bar shows 'arnob@arnob: ~/workss/30_days_C_program_phitron/day_01'. The prompt is 'arnob@arnob:~/workss/30_days_C_program_phitron/day_01\$'. The command entered is 'gcc ./program_01.c -o program_01 && ./program_01'. The output is 'Hello there , I am arnob'. The prompt is now 'arnob@arnob:~/workss/30_days_C_program_phitron/day_01\$'.

Second program : Single line comment

```
// using single line comment
// comment won't compile
// using comment makes your code more readable to others !
#include <stdio.h>
int main()
{
    printf("Hello there , I am arn0b69\n");
    // you can add comment in any place
    printf("Hey man! what's going on ?\n");
    // \n is used to print a new line or linebreak

    return 0;
}
```

Output :



```
arnob@arnob: ~/workss/3o_days_C_program_phitron/day_01
arnob@arnob:~/workss/3o_days_C_program_phitron/day_01$ gcc ./program_02.c -o program_02 && ./program_02
Hello there , I am arn0b69
Hey man! what's going on ?
arnob@arnob:~/workss/3o_days_C_program_phitron/day_01$
```

Third Program : Multi line comments

```
/*
This is an example of multiline comments !

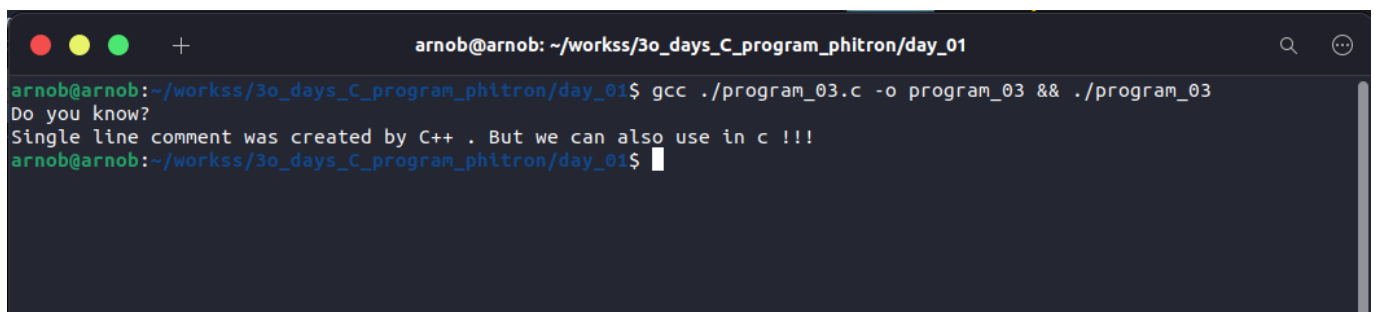
important notice :
>> Nested commenting or putting a comment to inside another comment will give you error.

*/

#include <stdio.h>
int main()
{
    printf("Do you know?\n");
    printf("Single line comment was created by C++ . But we can also use in c !!!\n");

    return 0;
}
```

Output :



```
arnob@arnob: ~/workss/3o_days_C_program_phitron/day_01
arnob@arnob:~/workss/3o_days_C_program_phitron/day_01$ gcc ./program_03.c -o program_03 && ./program_03
Do you know?
Single line comment was created by C++ . But we can also use in c !!!
arnob@arnob:~/workss/3o_days_C_program_phitron/day_01$
```

Fourth Program : Escape Sequence

```

/*
In this program i will use some commonly used Escape Sequence
*/
#include <stdio.h>
int main()
{
    printf("What is Escape Sequences ?\n");
    printf("An escape sequence in C language is a sequence of characters that doesn't represent itself when used inside string literal or character.\nIt is composed of two or more characters starting with backslash \\ For example: \\n represents new line.\n");
    printf("\v");

    printf("Commonly used escape sequences are\n");
    printf("\\b for Backspace\n");
    printf("\\f for Form Feed\n");
    printf("\\n for New Line\n");
    printf("\\t for Tab (Horizontal) \n");
    printf("\\v for Vertical Tab \n");
    printf("\\\\ for Backslash\n");
    printf("\\\\' for Single Qoute\n");
    printf("\\\\" for Double Qoute\n");
    printf("\\? for Question Mark\n");
    printf("\v");

    printf("For more information do a google search \n");

    return 0;
}

```