

## Pushing My file into Git hub by using command line

Step 1: Changed my directory to desktop

Step 2 : Linked my Repository to git Bash

```
AK@AK-PC MINGW32 ~
$ cd desktop

AK@AK-PC MINGW32 ~/desktop
$ git clone https://github.com/Alikhizar142/C-programs.git
Cloning into 'C-programs'...
remote: Enumerating objects: 15, done.
remote: Counting objects: 100% (15/15), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 15 (delta 3), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (15/15), done.
Resolving deltas: 100% (3/3), done.
```

Step 3: Changed by directory to my Repository (C-programs).

Step 4: Check status

Step 5: Add my file to repository.

```
AK@AK-PC MINGW32 ~/desktop
$ cd C-programs

AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        hello world.c

nothing added to commit but untracked files present (use "git add" to track)

AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git add .
```

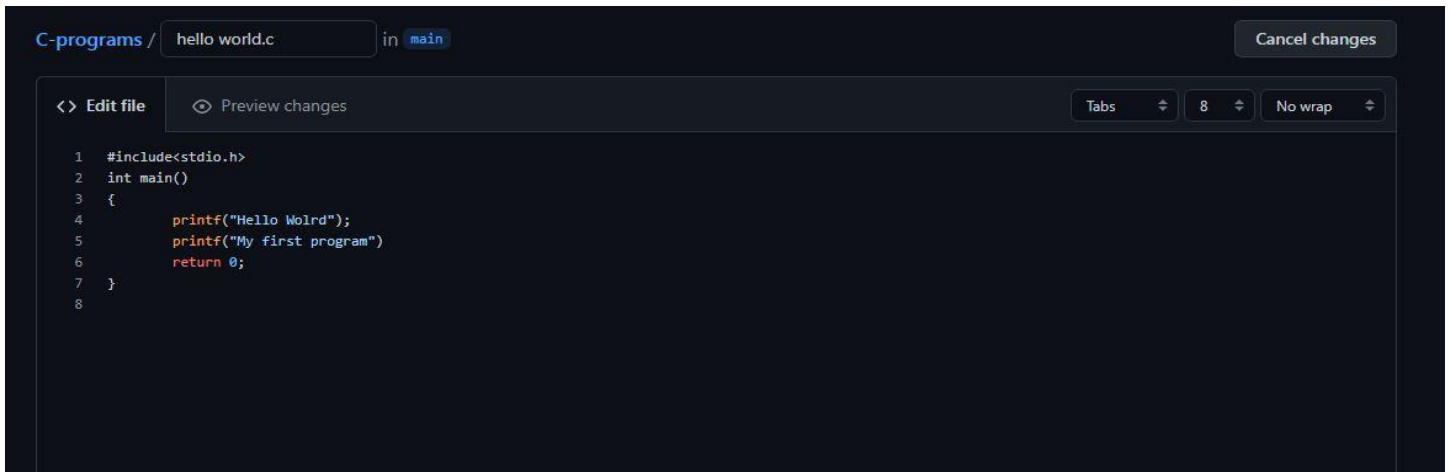
Step 6: Updated the status of my file.

Step 7: Pushed my file

```
AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git commit -m "Updated"
[main 8e0bd24] Updated
1 file changed, 6 insertions(+)
create mode 100644 hello world.c

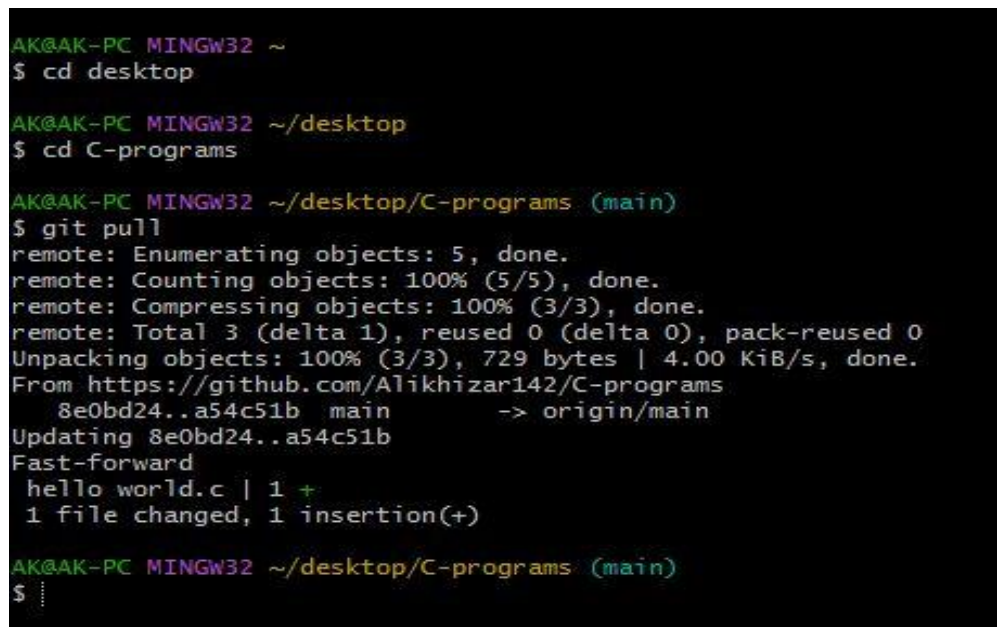
AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 334 bytes | 334.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Alikhizar142/C-programs.git
59a0313..8e0bd24  main -> main
```

**Step 8: Edited my code on remote file.**



```
C-programs / hello world.c in main Cancel changes
<> Edit file Preview changes Tabs 8 No wrap
1 #include<stdio.h>
2 int main()
3 {
4     printf("Hello Wolrd");
5     printf("My first program")
6     return 0;
7 }
8
```

**Step 9: I pulled my remote file to local file .**

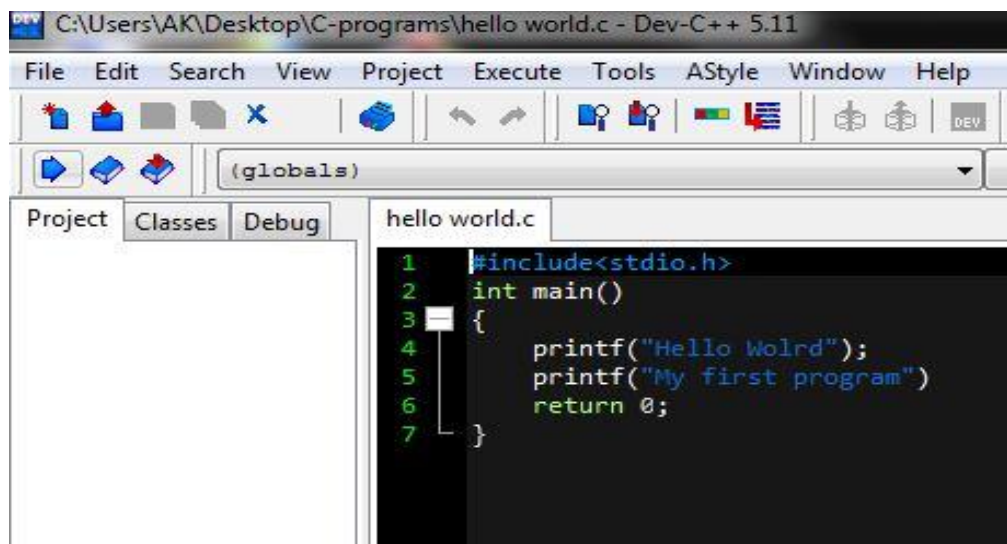


```
AK@AK-PC MINGW32 ~
$ cd desktop

AK@AK-PC MINGW32 ~/desktop
$ cd C-programs

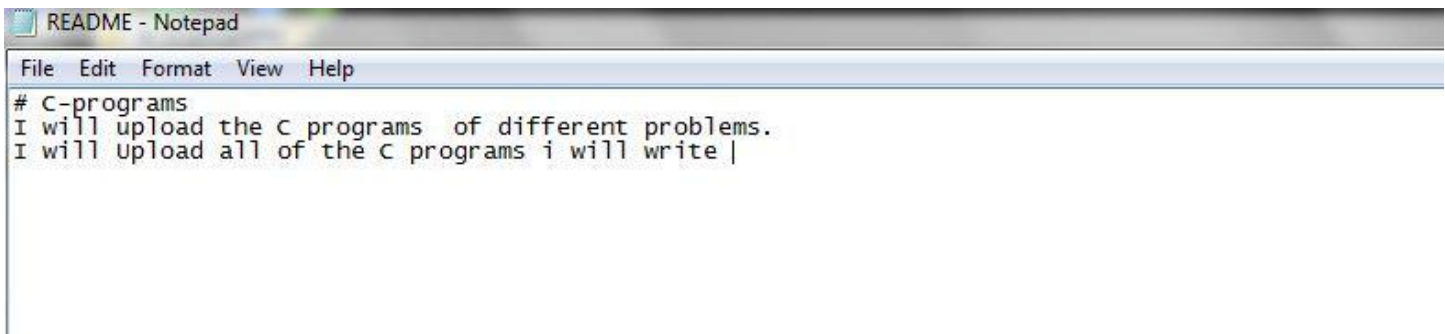
AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 729 bytes | 4.00 KiB/s, done.
From https://github.com/Alikhizar142/C-programs
     8e0bd24..a54c51b  main       -> origin/main
Updating 8e0bd24..a54c51b
Fast-forward
 hello world.c | 1 +
 1 file changed, 1 insertion(+)
```

**AS you can see the change I made in my remote file are pulled into local file .**



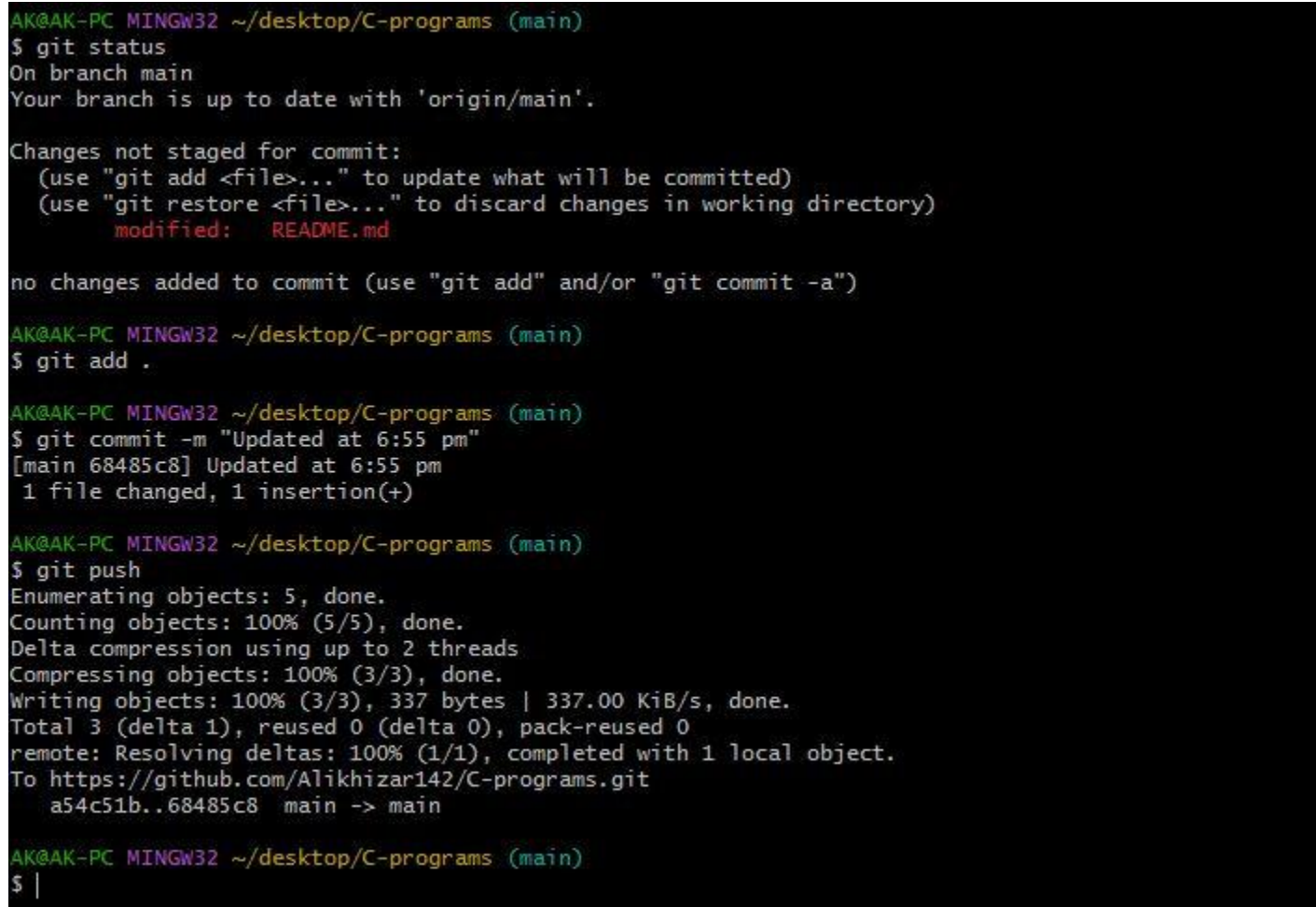
```
DEV C:\Users\AK\Desktop\C-programs\hello world.c - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project Classes Debug hello world.c
1 #include<stdio.h>
2 int main()
3 {
4     printf("Hello Wolrd");
5     printf("My first program")
6     return 0;
7 }
```

**Step 10: I made changes to my local read me file.**



```
File Edit Format View Help
# C-programs
I will upload the c programs of different problems.
I will upload all of the C programs i will write |
```

**Step 11 : I pushed the changes I made to my read me file.**



```
AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")

AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git add .

AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git commit -m "Updated at 6:55 pm"
[main 68485c8] Updated at 6:55 pm
 1 file changed, 1 insertion(+)

AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 337 bytes | 337.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Alikhizar142/C-programs.git
   a54c51b..68485c8  main -> main

AK@AK-PC MINGW32 ~/desktop/C-programs (main)
$ |
```

You can check it at: <https://github.com/Alikhizar142/C-programs>