```
alicj@ThinkPad-Ala MINGW64 /c/PROJECTS (master)
$ ls
ExCalc/  ShopDB-1/  ShopDB_extended/  preversion/

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS (master)
$ mkdir IO

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS (master)
$ cd IO

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git init
Initialized empty Git repository in C:/PROJECTS/IO/.git/

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git config user.name "AlicjaChodak"

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git config user.email "alicjachodak@student.egh.edu.pl"

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ nano main.cpp

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master

No commits yet

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

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

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add main.cpp
warning: in the working copy of 'main.cpp', LF will be replaced by CRLF the next time

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add main.cpp
```

```
alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   main.cpp


alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git log
fatal: your current branch 'master' does not have any commits yet

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git commit -m"added first file"
[master (root-commit) 92aab5b] added first file
 1 file changed, 34 insertions(+)
 create mode 100644 main.cpp

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git log
commit 92aab5b3a01a3f7696cf1eb675921f4aa4eb296f (HEAD -> master)
Author: AlicjaChodak <alicjachodak@student.egh.edu.pl>
Date:   Thu Dec 7 12:35:46 2023 +0100

    added first file

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master
nothing to commit, working tree clean

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ nano main.cpp

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add main.cpp
warning: in the working copy of 'main.cpp', LF will be replaced by CRLF the next time
 Git touches it

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add main.cpp
```

```
alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git commit -m"changed message"
[master af81668] changed message
 1 file changed, 1 insertion(+), 1 deletion(-)

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master
nothing to commit, working tree clean

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ nano main.cpp

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add .
warning: in the working copy of 'main.cpp', LF will be replaced by CRLF the next time
 Git touches it

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add .

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   main.cpp


alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ nano struktura.cpp
alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   main.cpp

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:   main.cpp

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .vscode/
        main.exe
        struktura.cpp
        struktura.exe
        struktura.hpp


alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add .
warning: in the working copy of 'main.cpp', LF will be replaced by CRLF the next tim
 Git touches it
warning: in the working copy of '.vscode/tasks.json', LF will be replaced by CRLF th
 next time Git touches it
warning: in the working copy of 'struktura.cpp', LF will be replaced by CRLF the nex
 time Git touches it

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add .

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git commit -m "added files struktura.cpp and struktura.hpp"
[master dfe1dd7] added files struktura.cpp and struktura.hpp
 6 files changed, 107 insertions(+), 25 deletions(-)
 create mode 100644 .vscode/settings.json
 create mode 100644 .vscode/tasks.json
 create mode 100644 main.exe
 create mode 100644 struktura.cpp
 create mode 100644 struktura.hpp

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master
nothing to commit, working tree clean
```

```
alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add .

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git commit -m "added files struktura.cpp and struktura.hpp"
[master dfe1dd7] added files struktura.cpp and struktura.hpp
 6 files changed, 107 insertions(+), 25 deletions(-)
 create mode 100644 .vscode/settings.json
 create mode 100644 .vscode/tasks.json
 create mode 100644 main.exe
 create mode 100644 struktura.cpp
 create mode 100644 struktura.hpp

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master
nothing to commit, working tree clean

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ ls
main.cpp   main.exe*

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    struktura.cpp
        deleted:    struktura.hpp

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

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git add .

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git commit -m"deleted files"
[master 4e9618e] deleted files
 2 files changed, 26 deletions(-)
 delete mode 100644 struktura.cpp
 delete mode 100644 struktura.hpp

alicj@ThinkPad-Ala MINGW64 /c/PROJECTS/IO (master)
$ git status
On branch master
nothing to commit, working tree clean
```

Struktura plików .cpp:

main.cpp

```cpp
#include <iostream>
#include "struktura.hpp"

using namespace std;

int main()
{
    cout<<"Witaj swiecie";
    cout<<" jest git" << endl;

    dane osoba = {"alicja", "chodak", "1"};
    cout << osoba.imie << " " << osoba.nazwisko << " gr." << osoba.grupa << endl;
    return 0;
}
```

struktura.cpp

```cpp
#include <iostream>
#include <string>
#include "struktura.hpp"

using namespace std;

struct dane {
    string imie;
    string nazwisko;
    string grupa;
};

int main() {
    return 0;
}
```