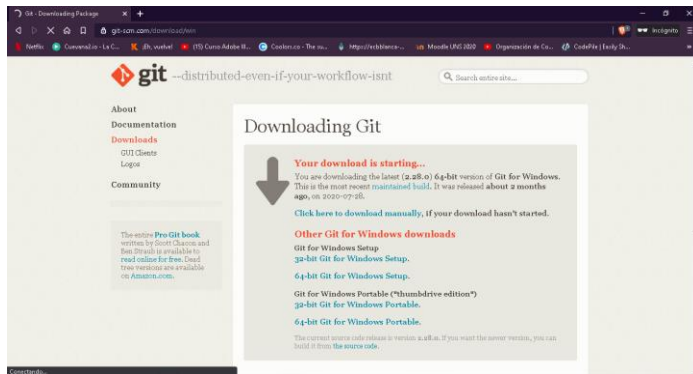


TECNOLOGÍA DE PROGRAMACIÓN

MARÍA SOL ARROYO
LU: 85636

PROYECTO 1

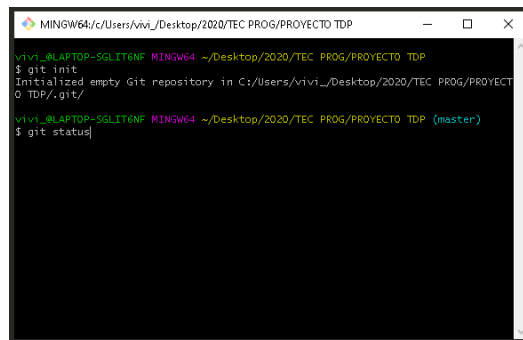
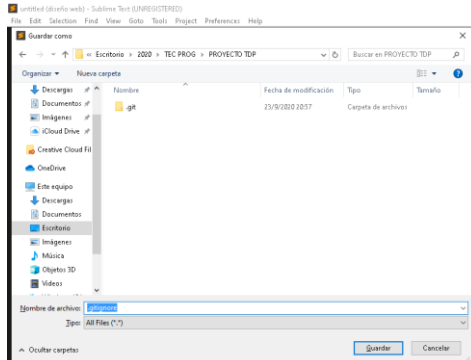
DESCARGA E INSTALACIÓN GIT



CREACIÓN REPOSITORIO LOCAL



CREACIÓN archivo GITIGNORE



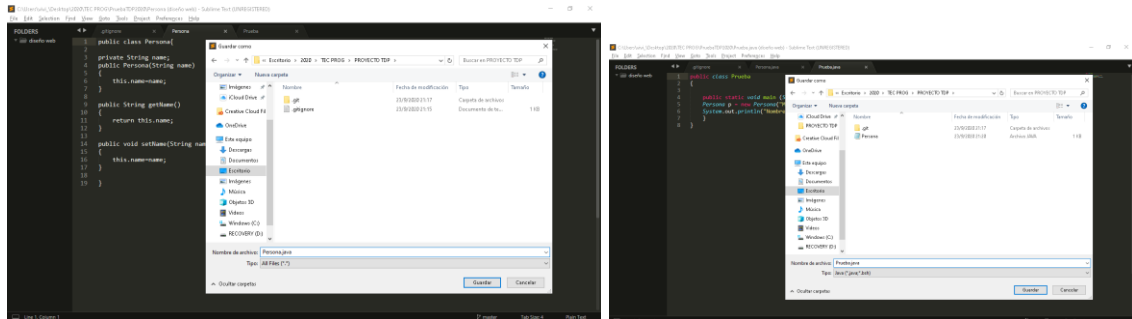
```
MINGW64/c/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP
$ git init
Initialized empty Git repository in C:/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP/.git/
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$
```

AGREGAR ARCHIVOS



```
re: "+ p.getName();
MINGW64/c/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP
$ git init
Initialized empty Git repository in C:/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP/.git/
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git add *
```

REALIZAR COMMIT

```
MINGW64/c/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git add *
The following paths are ignored by one of your .gitignore files:
  Prueba.java
hint: Use -f if you really want to add them.
hint: Turn this message off by running
hint: "git config advice.addIgnoredFile false"
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git status
On branch master

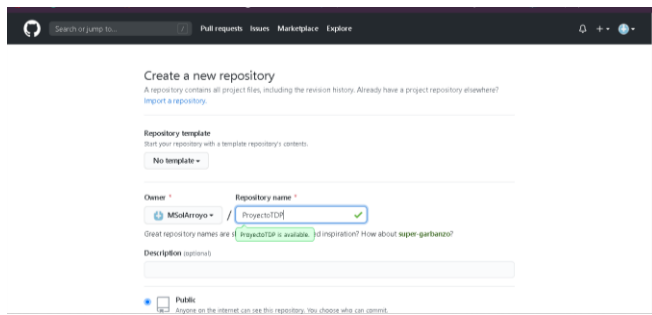
No commits yet

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

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

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git commit -m "commit inicial"
```

CREACIÓN REPOSITORIO REMOTO



VINCULAR REPOSITORIO LOCAL CON EL REMOTO

```

MINGW64/c/Users/viv/Desktop/2020/TEC PROG/PROYECTO TDP
hint: "git config advice.addIgnoredFile false"
$ git status
On branch master

No commits yet

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

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

$ git commit -m "commit inicial"
[master (root-commit) 0074a3c] commit inicial
1 file changed, 19 insertions(+)
create mode 100644 Persona.java

$ git remote add origin https://github.com/MSolArroyo/ProyectoTDP
$ |
  
```

SINCRONIZAR REPOSITORIO LOCAL CON EL REMOTO

```

MINGW64/c/Users/viv/Desktop/2020/TEC PROG/PROYECTO TDP
hint: "git config advice.addIgnoredFile false"
$ git status
On branch master

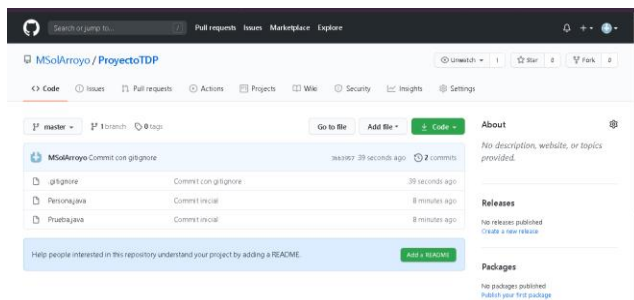
No commits yet

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

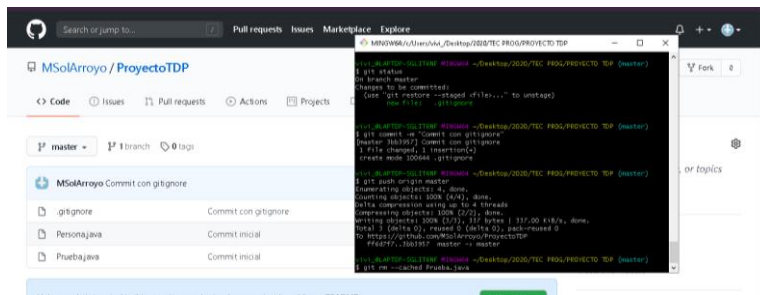
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore

$ git commit -m "commit inicial"
[master (root-commit) 0074a3c] commit inicial
1 file changed, 19 insertions(+)
create mode 100644 Persona.java

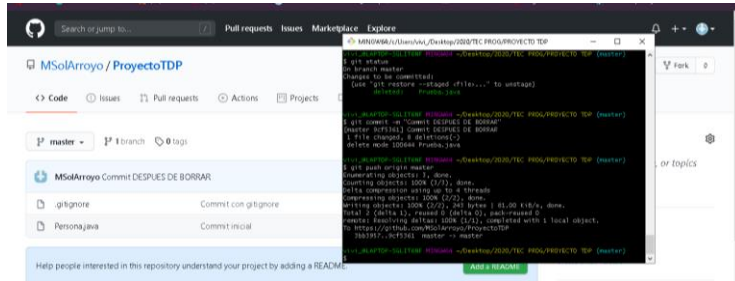
$ git remote add origin https://github.com/MSolArroyo/ProyectoTDP
$ git push origin master
  
```



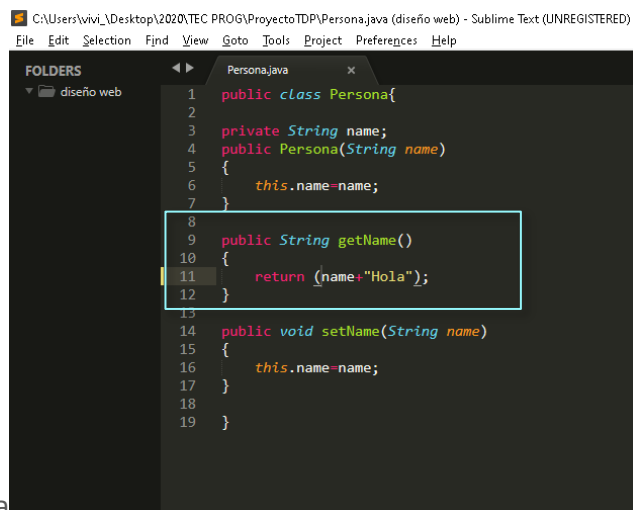
ELIMINAR ARCHIVO DEL SISTEMA DE CONTROL DE VERSIONES



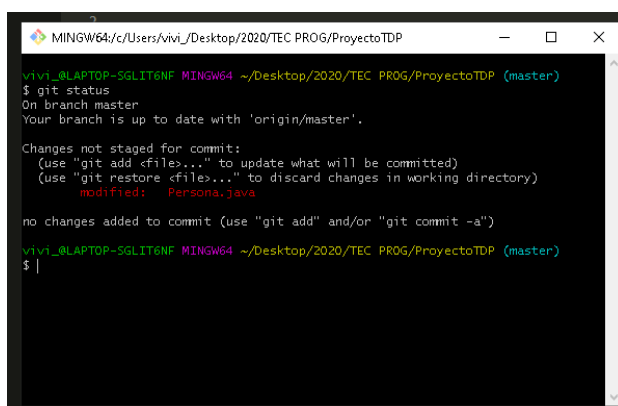
Cuando elimino el archivo



GENERAR CONFLICTO



Cambios en la Carpeta clonada



```
MINGW64/c/Users/Vivi/Desktop/2020/TEC PROG/ProyectoTDP
Your branch is up to date with 'origin/master'.

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:   Persona.java

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

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/ProyectoTDP (master)
$ git add *

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/ProyectoTDP (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   Persona.java

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/ProyectoTDP (master)
$ |
```

Agrego los cambios

Hago el commit con git commit -m "creación del conflicto"

```
MINGW64/c/Users/Vivi/Desktop/2020/TEC PROG/ProyectoTDP
Your branch is up to date with 'origin/master'.

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:   Persona.java

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

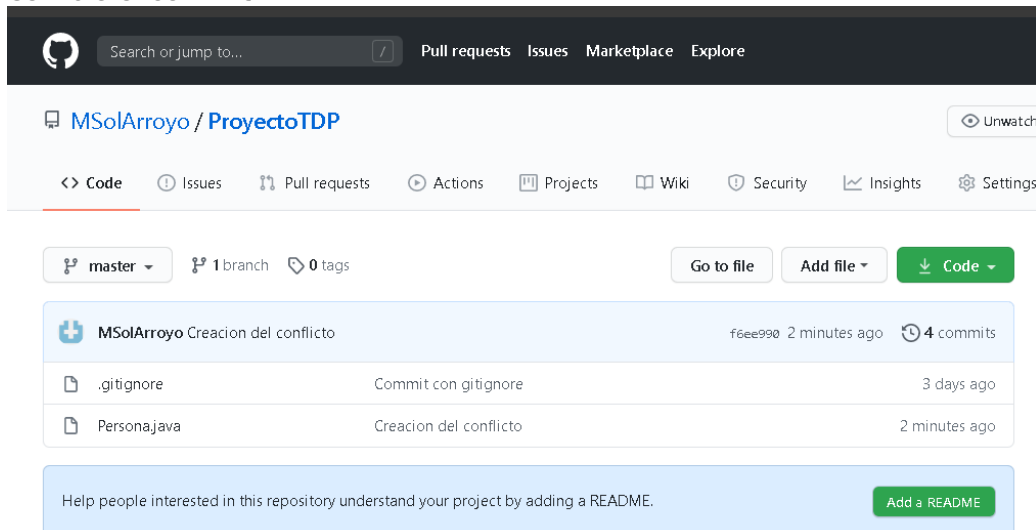
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/ProyectoTDP (master)
$ git add *

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/ProyectoTDP (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   Persona.java

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/ProyectoTDP (master)
$ |
```

Cambió el commit



Hago cambios en la Carpeta original

```
C:\Users\vivi\Desktop\2020\TEC PROG\PROYECTO TDP\Persona.java (diseño web) - Sublime Text (UNR
File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS
  diseño web
1 public class Persona{
2
3 private String name;
4 public Persona(String name)
5 {
6     this.name=name;
7 }
8
9 public String getName()
10 {
11     return (name+"Holaaaaaa");
12 }
13
14 public void setName(String name)
15 {
16     this.name=name;
17 }
18
19 }
```

```
MINGW64/c/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP
$ git status
On branch master
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:   Persona.java

no changes added to commit (use "git add" and/or "git commit -a")
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$
```

Hago Pull para traer todos los cambios en el repositorio remoto y que salte el conflicto.

```
C:\Users\vivi\Desktop\2020\TEC PROG\PROYECTO TDP\Persona.java (diseño web) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS
  diseño web
1 public class Persona{
2
3 private String name;
4 public Persona(String name)
5 {
6     this.name=name;
7 }
8
9 public String getName()
10 {
11     <<<<<<< HEAD
12     return (name+"Holaaaaaa");
13     =====
14     return (name+"Hola");
15     >>>>>> f6ee9903f3f3cade0e6dd90a3a8a317be089b156
16 }
17
18 public void setName(String name)
19 {
20     this.name=name;
21 }
22
23 }
```

```
MINGW64/c/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP
1 file changed, 1 insertion(+), 1 deletion(-)

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git status
On branch master
nothing to commit, working tree clean

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git pull origin master
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0
Unpacking objects: 100% (3/3), 320 bytes | 2.00 KiB/s, done.
From https://github.com/MSolArroyo/ProyectoTDP
 * branch            master       -> FETCH_HEAD
 9cf5361..f6ee990  master       -> origin/master
Auto-merging Persona.java
CONFLICT (content): Merge conflict in Persona.java
Automatic merge failed; fix conflicts and then commit the result.

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master|MERGI
NG)
$
```

Borro lo que no quiero que quede, me quedo con la parte que me interesa que es lo último que modifique.

```
top\2020\TEC PROG\PROYECTO TDP\Persona.java (diseño web) - Sublime Text (UNREGISTERED)
Find View Goto Tools Project Preferences Help
```

```
Persona.java — ProyectoTDP x
Persona.java — ProyectoTDP x
1 public class Persona{
2
3 private String name;
4 public Persona(String name)
5 {
6     this.name=name;
7 }
8
9 public String getName()
10 {
11 <<<<<<< HEAD
12     return (name+"Holaaaaaa");
13     =====
14     return (name+"Hola");
15     >>>>>> f6ee9903f3f3cade0e6dd90a3a8a317be089b156
16 }
17
18 public void setName(String name)
19 {
20     this.name=name;
21 }
22
23 }
```

```
Persona.java — ProyectoTDP x
Persona.java — ProyectoTDP x
1 public class Persona{
2
3 private String name;
4 public Persona(String name)
5 {
6     this.name=name;
7 }
8
9 public String getName()
10 {
11     return (name+"Holaaaaaa");
12 }
13
14 }
15
16 public void setName(String name)
17 {
18     this.name=name;
19 }
20
21 }
```

Lo vuelvo a agregar con git add * y luego aplico git status

```
MINGW64/c/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master|MERGE
NG)
$ git add *
The following paths are ignored by one of your .gitignore files:
Prueba.java
hint: Use -f if you really want to add them.
hint: Turn this message off by running
hint: "git config advice.addIgnoredFile false"

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master|MERGE
NG)
$ git status
On branch master
All conflicts fixed but you are still merging.
(use "git commit" to conclude merge)

Changes to be committed:
  modified:   Persona.java

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master|MERGE
NG)
$
```

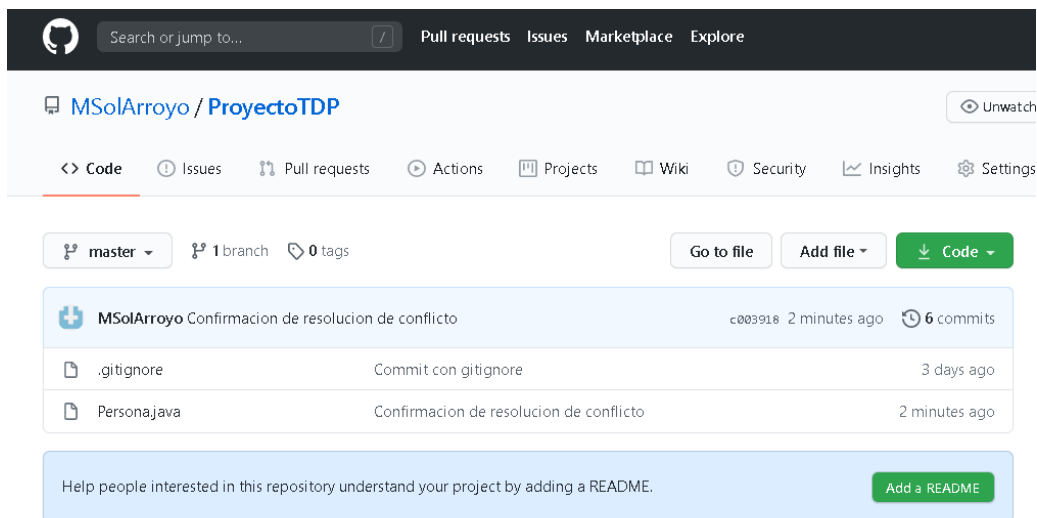
Realizo commit “resolución del conflicto” y subo cambios al repositorio remoto.

```
MINGW64/c/Users/vivi/Desktop/2020/TEC PROG/PROYECTO TDP
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git commit -m "Confirmacion de resolucio de conflicto"
[master c003918] Confirmacio de resolucio de conflicto

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git status
On branch master
nothing to commit, working tree clean

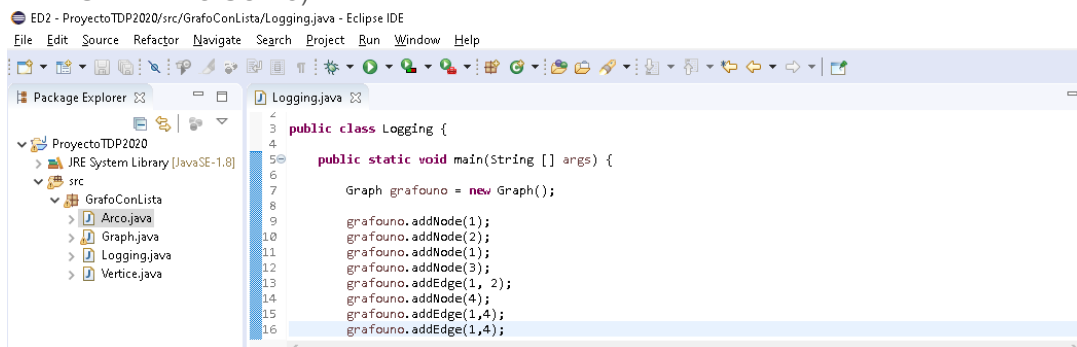
vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ git push origin master
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 673 bytes | 336.00 KiB/s, done.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/MSolArroyo/ProyectoTDP
 f6ee990..c003918 master -> master

vivi_@LAPTOP-SGLIT6NF MINGW64 ~/Desktop/2020/TEC PROG/PROYECTO TDP (master)
$ |
```



PARTE 2

ANTES DEL INCISO e)



Main

```
Problems Javadoc Declaration Console
<terminated> Logging [Java Application] C:\Program Files\Java\jre1.8.0_231\bin\javaw.exe (26 sep. 2020 15:21:36)
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
DETALLADO: El vertice a incorporar es 1
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
INFORMACIÓN: El vertice 1 se agregó al Grafo
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
DETALLADO: El vertice a incorporar es 2
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
INFORMACIÓN: El vertice 2 se agregó al Grafo
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
DETALLADO: El vertice a incorporar es 1
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
ADVERTENCIA: 1 ya se encuentra en el Grafo
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
DETALLADO: El vertice a incorporar es 3
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
INFORMACIÓN: El vertice 3 se agregó al Grafo
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addEdge
INFORMACIÓN: El Arco con vertice 1y 2 se ingresó correctamente
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
DETALLADO: El vertice a incorporar es 4
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addNode
INFORMACIÓN: El vertice 4 se agregó al Grafo
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addEdge
INFORMACIÓN: El Arco con vertice 1y 4 se ingresó correctamente
sep 26, 2020 3:21:37 PM GrafoConLista.Graph addEdge
ADVERTENCIA: El Arco ya se encuentra asociado
```

Consola

LUEGO DEL INCISO e)

Lista/Logging.java - Eclipse IDE

```
Search Project Run Window Help
Logging.java Graph.java
4
5 public class Logging {
6
7     public static void main(String [] args) {
8
9         Graph grafouno = new Graph();
10
11         grafouno.addNode(1);
12         grafouno.addNode(2);
13         grafouno.addNode(1);
14         grafouno.addNode(3);
15         grafouno.addEdge(1, 2);
16         grafouno.addNode(4);
17         grafouno.addEdge(1,4);
18         grafouno.addEdge(1,4);
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