

# How to use the unit tests in lab classes

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## Note:

- The structure of your repository must follow the rules described in `readme.txt` and the prototypes of each function should not be changed

1. The unit tests file (`utests.zip`) should be placed and decompressed **outside** your repository folder, but in the same folder (side by side) where your repository is.

Example:

```
guest@porteus:~$ cd /media/partilha
guest@porteus:~$ ls
```

```
arqcp20212dag01/ utests/
```

2. Then, you should create an environmental variable called `REPO`, with the name of your repository folder.

Example:

```
guest@porteus:~$ export REPO=arqcp20212dag01
```

3. Now, you can compile and run the tests on the `utests` folder. The makefile on the tests will automatically include the required code from the corresponding repository folder.

Example:

```
guest@porteus:~$ cd utests/module1/ex02
guest@porteus:~$ make run
```

4. As an alternative you can specify the repository when running make.

Example:

```
guest@porteus:~$ cd utests/module1/ex02
guest@porteus:~$ make run REP0=arqcp20212dag01
```