

```
pi@queen:~ $ git clone https://github.com/HudsonWerks/EMT2390L.git
fatal: destination path 'EMT2390L' already exists and is not an empty directory.
pi@queen:~ $ cd
pi@queen:~ $ ls
2016-09-26-170040_640x480_screenshot.png  ground_control  Templates
config                                     ground_control.sh  test
Desktop                                     Music            time_bash
Documents                                  pianobar         time_bash.sh
Downloads                                  Pictures         Videos
EMT2390L                                   Public
git                                         python_games
pi@queen:~ $ EMT2390L
bash: EMT2390L: command not found
pi@queen:~ $ cd EMT2390L
pi@queen:~/EMT2390L $ sudo nano lab6-TTS.sh
```

Cloning EMT2390L from github

```

clean_up.sh      lab6-ground_control.sh  TimeTTS.wav
ground_control.wav  lab6-TTS.sh
pi@queen:~/EMT2390L $ git init
Reinitialized existing Git repository in /home/pi/EMT2390L/.git/
pi@queen:~/EMT2390L $ git status
On branch master
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 checkout -- <file>..." to discard changes in working directory)

        modified:   lab6-TTS.sh

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

        TimeTTS.wav
        clean_up.sh
        ground_control.wav

no changes added to commit (use "git add" and/or "git commit -a")
pi@queen:~/EMT2390L $ git add lab6-TTS.sh
pi@queen:~/EMT2390L $ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   lab6-TTS.sh

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

        TimeTTS.wav
        clean_up.sh
        ground_control.wav

pi@queen:~/EMT2390L $ █

```

Initializing git, creating a folder and checking status.

```
pi@queen:~/EMT2390L $ git commit -m "First commit"
```

```
*** Please tell me who you are.
```

```
Run
```

```
git config --global user.email "you@example.com"  
git config --global user.name "Your Name"
```

```
to set your account's default identity.  
Omit --global to set the identity only in this repository.
```

```
fatal: empty ident name (for <(null)>) not allowed
```

```
pi@queen:~/EMT2390L $ git config --global user.email "ferreiraep_95@hotmail.com"
```

```
pi@queen:~/EMT2390L $ git status
```

```
On branch master  
Your branch is up-to-date with 'origin/master'.  
Changes to be committed:  
  (use "git reset HEAD <file>..." to unstage)
```

```
pi@queen:~/EMT2390L $ git commit -m "first commit"
```

```
On branch master  
Your branch is up-to-date with 'origin/master'.  
Changes not staged for commit:
```

```
    modified:   lab6-TTS.sh
```

```
Untracked files:
```

```
    TimeTTS.wav  
    clean_up.sh  
    ground_control.wav
```

```
no changes added to commit
```

Running commit

```
pi@queen:~/EMT2390L $ git add lab6-TTS.sh
pi@queen:~/EMT2390L $ git commit -m "First Commit"
[master ac335a2] First Commit
 1 file changed, 4 insertions(+), 3 deletions(-)
 mode change 100644 => 100755 lab6-TTS.sh
pi@queen:~/EMT2390L $ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
Untracked files:
  (use "git add <file>..." to include in what will be committed)

        TimeTTS.wav
        clean_up.sh
        ground_control.wav

nothing added to commit but untracked files present (use "git add" to track)
pi@queen:~/EMT2390L $ git remote add origin https://github.com/piqueen/emt2390.git
fatal: remote origin already exists.
pi@queen:~/EMT2390L $ git push -f origin master
Username for 'https://github.com': piqueen
Password for 'https://piqueen@github.com':
remote: Permission to HudsonWerks/EMT2390L.git denied to piqueen.
fatal: unable to access 'https://github.com/HudsonWerks/EMT2390L.git/': The request was refused: 403
```

Running commit and working.

Checking status

Adding origin

Running remote

Pushing everything into the designated Github repo

```
pi@queen: ~/EMT2390L
File Edit Tabs Help
GNU nano 2.2.6 File: lab6-TTS.sh Modified
#!/bin/bash
#This is a shell script for lab 6
# Script for saying the current local time

#variable that includes the date and the string literal
NOW=$(date +"Ground Control time is %M minutes past %I %p U T C")

echo $NOW

#command for generating a TTS file and incorporating the variable
pico2wave -w TimeTTS.wav "$NOW"

#command for playing back the TTS audio file
aplay TimeTTS.wav

File Name to Write: lab6-TTS.sh
^G Get Help M-D DOS Format M-A Append M-B Backup File
^C Cancel M-M Mac Format M-P Prepend
```

Modifying the code lab6-TTS.sh

```
pi@queen:~/EMT2390L $ git push -u origin master
Username for 'https://github.com': piqueen
Password for 'https://piqueen@github.com':
remote: Permission to HudsonWerks/EMT2390L.git denied to piqueen.
fatal: unable to access 'https://github.com/HudsonWerks/EMT2390L.git/': The
requested URL returned error: 403
pi@queen:~/EMT2390L $ git push -f origin master
Username for 'https://github.com': piqueen
Password for 'https://piqueen@github.com':
remote: Permission to HudsonWerks/EMT2390L.git denied to piqueen.
fatal: unable to access 'https://github.com/HudsonWerks/EMT2390L.git/': The
requested URL returned error: 403
```

Running the git push and permission is denied.

```

Error: Timeout was reached
Reading package lists... Done
pi@queen:~ $ sudo apt-get install libttspico-utils
Reading package lists... Done
Building dependency tree
Reading state information... Done
Note, selecting 'libttspico-utils' for regex 'libttspico-utils'
The following packages were automatically installed and are no longer required:
  libwebrtc-audio-processing-0 rtkit
Use 'apt-get autoremove' to remove them.
The following extra packages will be installed:
  libttspico-data libttspico0
The following NEW packages will be installed:
  libttspico-data libttspico-utils libttspico0
0 upgraded, 3 newly installed, 0 to remove and 51 not upgraded.
Need to get 4,276 kB of archives.
After this operation, 6,875 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.raspberrypi.org/debian/ jessie/main libttspico-data all 1.0
+git20130326-3+rpil [4,148 kB]
Get:2 http://archive.raspberrypi.org/debian/ jessie/main libttspico0 armhf 1.0+
it20130326-3+rpil [119 kB]
Get:3 http://archive.raspberrypi.org/debian/ jessie/main libttspico-utils armhf

```

Installing TTS pkg

```

pi@queen:~ $ pico2wave
Mandatory option: --wave=filename.wav
Usage: pico2wave <words>
  -w, --wave=filename.wav  Write output to this WAV file (extension SHOULD
                           be .wav)
  -l, --lang=lang          Language (default: "en-US")

Help options:
  -?, --help              Show this help message
  --usage                 Display brief usage message

```

Running pico2wave

```

pi@queen:~/EMT2390L $ pico2wave -w ground_control.wav "This is Ground Control."&
& aplay ground_control.wav
Playing WAVE 'ground_control.wav' : Signed 16 bit Little Endian, Rate 16000 Hz,
Mono
pi@queen:~/EMT2390L $ date
Sun Oct 16 18:55:47 EDT 2016
pi@queen:~/EMT2390L $

```

Running Pico2wave and date


```
pi@queen:~/EMT2390L $ cd
pi@queen:~ $ ./time_bash
Ground Control time is 42 minutes past 9 PM U T C
pi@queen:~ $ cd EMT2390L
pi@queen:~/EMT2390L $
```

Running time_bash

```
pi@queen:~/EMT2390L $ sudo nano clean_up.sh
pi@queen:~/EMT2390L $ sudo bash clean_up.sh
Log files cleaned up.
pi@queen:~/EMT2390L $ cs
bash: cs: command not found
pi@queen:~/EMT2390L $ cd
pi@queen:~ $ sudo apt-get update
Get:1 http://mirrordirector.raspbian.org jessie InRelease [14.9 kB]
Get:2 http://archive.raspberrypi.org jessie InRelease [13.2 kB]
Get:3 http://mirrordirector.raspbian.org jessie/main armhf Packages [8,981 kB]
```

Executing clean_up.sh

```
GNU nano 2.2.6 File: clean_up.sh
#!/bin/bash

#Cleanup log files
cd /var/log
cat /dev/null > messages
cat /dev/null > wtmp
echo "Log files cleaned up."
```

Clean_up code