

TASK 0

```
mohamed@welo:~$ mkdir linux_exam
mohamed@welo:~$ ls
demo.sh  Documents  linux_exam  Pictures  snap        Videos
Desktop  Downloads  Music        Public    Templates
```

TASK 1

```
mohamed@welo:~$ cd linux_exam
mohamed@welo:~/linux_exam$ touch task1.sh
mohamed@welo:~/linux_exam$ ls
task1.sh
mohamed@welo:~/linux_exam$ nano task1.sh
mohamed@welo:~/linux_exam$ ./task1.sh
bash: ./task1.sh: Permission denied
mohamed@welo:~/linux_exam$ ls -la
total 12
drwxrwxr-x  2 mohamed mohamed 4096 12:59 6 يول .
drwxr-xr-x 24 mohamed mohamed 4096 12:53 6 يول ..
-rw-rw-r--  1 mohamed mohamed  123 12:59 6 يول task1.sh
mohamed@welo:~/linux_exam$ chmod 700 task1.sh
mohamed@welo:~/linux_exam$ ./task1.sh
this bash script has finished
```

```
GNU nano 4.8 task1.sh
mkdir -p this/is/my/linux/exam
cd ~/linux_exam/this/is/my/linux/exam
touch my_file.py
echo "this bash script has finished"
```

TASK2

```
home / mohamed / linux_exam / task2.sh
1  #!/usr/bin/bash
2
3  ARG1=$1
4
5  if ["$ARG1" == 'small_square' ]; then
6  rosrn linux_exam small_square.py
7  echo "the robot perform the small square movement"
8
9  elif ["$ARG1" == 'medium_square' ]; then
10 rosrn linux_exam medium_square.py
11
12 elif ["$ARG1" == 'big_square' ]; then
13 rosrn linux_exam big_square.py
14
15 else
16 echo "please enter the following;
17 small_square
18 medium_square
19 big_square
20
21 fi
22
```

TASK3

```
mohamed@welo:~/linux_exam$ cd ~/linux_exam/this/is/my/linux/exam
mohamed@welo:~/linux_exam/this/is/my/linux/exam$ ls
my_file.py
mohamed@welo:~/linux_exam/this/is/my/linux/exam$ rm my_file.py
mohamed@welo:~/linux_exam/this/is/my/linux/exam$ touch exam1.py exam2.py exam3.py
mohamed@welo:~/linux_exam/this/is/my/linux/exam$ ls
exam1.py exam2.py exam3.py
mohamed@welo:~/linux_exam/this/is/my/linux/exam$ chmod 754 exam1.py
mohamed@welo:~/linux_exam/this/is/my/linux/exam$ chmod 501 exam2.py
mohamed@welo:~/linux_exam/this/is/my/linux/exam$ chmod 241 exam3.py
mohamed@welo:~/linux_exam/this/is/my/linux/exam$ ls -la
total 8
drwxrwxr-x 2 mohamed mohamed 4096 13:51 6 يول .
drwxrwxr-x 3 mohamed mohamed 4096 13:00 6 يول ..
-rwxr-xr-- 1 mohamed mohamed  0 13:51 6 يول exam1.py
-r-x-----x 1 mohamed mohamed  0 13:51 6 يول exam2.py
--w-r-----x 1 mohamed mohamed  0 13:51 6 يول exam3.py
```

MOHAMED WAEEL SHAAT