## Q1)

```
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ ./mychmod.sh
This script gives execute permission to all files in home directory
= :execution permission succeeded
anaconda3 :execution permission succeeded
Close :execution permission succeeded
Desktop :execution permission succeeded
Documents :execution permission succeeded
Downloads :execution permission succeeded
eclipse-workspace :execution permission succeeded
examples.desktop :execution permission succeeded
chmod: cannot access '<invalid': No such file or directory
<invalid :execution permission succeeded
chmod: cannot access 'path>': No such file or directory
path> :execution permission succeeded
kite-installer :execution permission succeeded
Music :execution permission succeeded
oldpasswd :execution permission succeeded
Pictures :execution permission succeeded
Public :execution permission succeeded
snap :execution permission succeeded
Templates :execution permission succeeded
untitled.cpp :execution permission succeeded
utitled.cpp :execution permission succeeded
Videos :execution permission succeeded
wxWidgets-3.1.5 :execution permission succeeded
wxWidgets-3.1.5.tar.bz2 :execution permission succeeded
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$
```

## Q2)

```
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ ./mybackup.sh
This script creates a backup of only files in home directory.
cp: cannot stat '<invalid': No such file or directory
cp: cannot stat 'path>': No such file or directory
archiving....
=
Close
examples.desktop
kite-installer
oldpasswd
untitled.cpp
utitled.cpp
wxWidgets-3.1.5.tar.bz2
files archived successfully
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$
```

## Q3)

```
File  Edit  View  Search  Terminal  Help
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ cat db.txt
id:name:pass:email
1:saeed:123:saeed@email.com
2:ahmed:345:ahmed@email.com
3:dina:567:dina@email.com
4:zainab:789:zainab@email.com
5:aya:901:aya@email.com
6:mostafa:902:mostafa@email.com
7:mohammad:234:mohammad@email.com
8:ali:135:ali@email.com
9:sara:249:sara@email.com
10:gaber:987:gaber@email.com

(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ ./reset_passwd.sh
This script helps you to reset your password.
Please enter your id:
11
id not found
Please enter your id:
1
welcome saeed
please enter your current password:
666
incorrect password.
please enter your current password:
123
password confirmed
Enter your new password:
666
password updated successfully.
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ cat db.txt
```

```
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ cat db.txt
id:name:pass:email
2:ahmed:345:ahmed@email.com
3:dina:567:dina@email.com
4:zainab:789:zainab@email.com
5:aya:901:aya@email.com
6:mostafa:902:mostafa@email.com
7:mohammad:234:mohammad@email.com
8:ali:135:ali@email.com
9:sara:249:sara@email.com
10:gaber:987:gaber@email.com
1:saeed:666:saeed@email.com
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ []
```

### Challenge1)

```
File  Edit  View  Search  Terminal  Help
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ ./challenge1.sh
files from dina-0 to dina-25 created successfully.
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ ./challenge1.sh
files from dina-25 to dina-50 created successfully.
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ ./challenge1.sh
files from dina-50 to dina-75 created successfully.
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ cd dina-11-02-2022/
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3/dina-11-02-2022$ ls
dina-1   dina-14  dina-19  dina-23  dina-28  dina-32  dina-37  dina-41  dina-46  dina-50  dina-55  dina-6   dina-64  dina-69  dina-73
dina-10  dina-15  dina-2   dina-24  dina-29  dina-33  dina-38  dina-42  dina-47  dina-51  dina-56  dina-60  dina-65  dina-7   dina-74
dina-11  dina-16  dina-20  dina-25  dina-3   dina-34  dina-39  dina-43  dina-48  dina-52  dina-57  dina-61  dina-66  dina-70  dina-75
dina-12  dina-17  dina-21  dina-26  dina-30  dina-35  dina-4   dina-44  dina-49  dina-53  dina-58  dina-62  dina-67  dina-71  dina-8
dina-13  dina-18  dina-22  dina-27  dina-31  dina-36  dina-40  dina-45  dina-5   dina-54  dina-59  dina-63  dina-68  dina-72  dina-9
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3/dina-11-02-2022$ []
```

**Challenge2)**

```
File  Edit  View  Search  Terminal  Help
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ cat employees.txt
firstname lastname:phone:department:salary
Dina Adel:123456:DevOps:6000

(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ ./challenge2.sh
This script saves employees data.
Enter your first name (english letters only):
Saeed1111
invalid input.
Enter your first name (english letters only):
Saeed
Enter your last name (english letters only):
Yousuf11
invalid input.
Enter your last name (english letters only):
Yousuf
Enter your phone number (english numbers only):
+90 1111111
invalid input.
Enter your phone number (english numbers only):
0090111111
Enter your department (english letters only):
Auditing101
invalid input.
Enter your department (english letters only):
Auditing
Enter your salary (english numbers only):
6000EGP
invalid inputs.
Enter your salary (english numbers only):
6000
your information has been registered successfully.
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ cat employees.txt
firstname lastname:phone:department:salary
Dina Adel:123456:DevOps:6000
Saeed Yousuf:0090111111:Auditing:6000
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/BASH/Tasks/Task3$ ▯
```