HW3

Task 1

Linux File Permissions

* Create a new directory named “homework” in your home directory

**mkdir homework**

* Inside the “homework” directory, create three text files: “file{1-3}.txt”

**cd homework**

**touch file1.txt file2.txt file3.txt**

* Set file permissions so that only the owner can read and write to all three files, but others have no access.

**chmod 600 file1.txt**

**chmod 600 file2.txt**

**chmod 600 file3.txt**

* Write a shell script that changes the permissions of the files, depending on owner’s input to allow read access for the group

See the permission\_set.sh

* Write a shell script that will revoke the read access for the group

See the permission\_revoke.sh

Task 2

Linux access control lists

* Create a new directory named “acl\_demo” in your home directory.

**mkdir acl\_demo**

* Inside “acl\_demo”, create two subdirectories: “public” and “private”

**cd acl\_demo**

**mkdir public private**

* Set permissions of the “public” directory to allow read and write access for everyone.

**chmod 777 public**

* Use acls to grant read and write access to a specific user only for the “private” directory. Write a script that will setup acl to the owner input.

See acl\_setup.sh

* Write a script that lists the ACLs for both directories and their current permissions.

See acl\_get.sh

Task 3

See pswdg.ps1