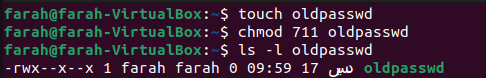
**Lab 2**Q13:  
**A screen shot of a computer code

Description automatically generated**

Q14:  
  
Q15:  
**A computer screen shot of white text

Description automatically generated**  
Q16:  
1-  
****

**A screenshot of a computer

Description automatically generated**

2-

**A number of numbers and symbols

Description automatically generated with medium confidence**

3-By default, when a file is created, it usually gets permissions of 666 (read and write for owner, group, and others). For a directory, the default is typically 777 (read, write, and execute for owner, group, and others).  
4-  
**A screenshot of a computer

Description automatically generated**

Q17:

1- copy directory  
Permission for the source directory: Read and Execute (r-x)

Permission for the target parent directory: Write (w)  
****

2- copy file  
Permission for the source file: Read (r)

Permission for the target parent directory: Write (w)

**A screen shot of a computer code

Description automatically generated**3- delete file  
Permission for the file itself: Write (w)

Permission for the directory containing the file: Write (w)

**A screenshot of a computer

Description automatically generated**

4- change to a directory  
Permission for the directory: Execute (x)  
  
5-list a directory content (ls command)  
Permission for the directory: Read (r)  
A screenshot of a computer screen

Description automatically generated

6- view a file content (cat command):

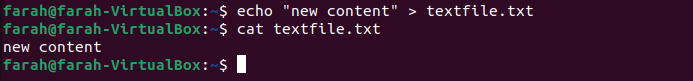
Permission for the file: Read (r)

A black background with green and white text

Description automatically generated

7- modify a file content:

Permission for the file: Write (w)

  
Q18:  
A screenshot of a computer program

Description automatically generated

Q19:

For files, the "x" permission allows execution of the file  
A screenshot of a computer screen

Description automatically generated

For directories, the "x" permission allows access to the contents of the directory

A screenshot of a computer code

Description automatically generated