**Lab 4**Q1 :  
A screenshot of a computer program

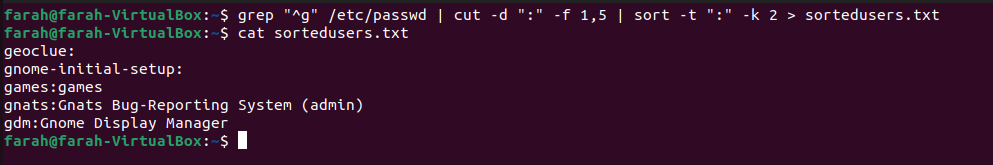
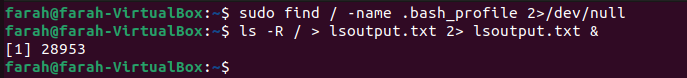
Description automatically generated

Q2:  
A computer screen with white text

Description automatically generated  
Q3:

A computer screen with white text

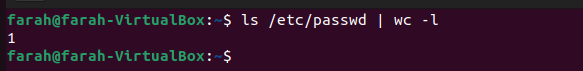
Description automatically generated  
Q4:  
A computer screen with white text

Description automatically generated  
Q5:  
  
Q6:  
  
Q7:  
A black background with green and blue text

Description automatically generated  
Q8:  
A computer screen shot of a program

Description automatically generated

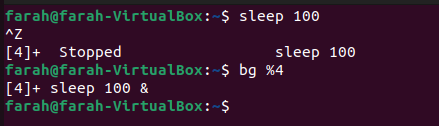
Q9:  
1.  
  
it displays the content of textfile.txt  
2.  
A screenshot of a computer

Description automatically generated  
it runs the second command but filename is missing  
3.  
  
it runs two commands but display result of second command  
Q10:  
A black background with green and blue text

Description automatically generated

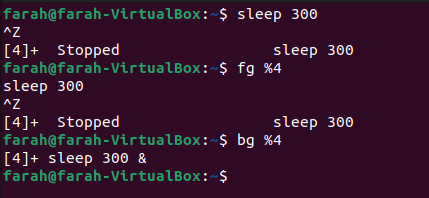
The command sleep 100 instructs the system to pause or sleep for 100 seconds. During this time, the command does nothing and simply waits for the specified duration before completing. This can be useful in various scenarios, such as delaying the execution of subsequent commands in a script or performing a time-based operation.

Q11:  
A black background with green text

Description automatically generated  
ctrl + c stops sleep command  
Q12:  


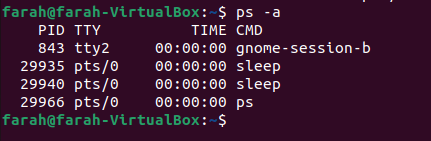
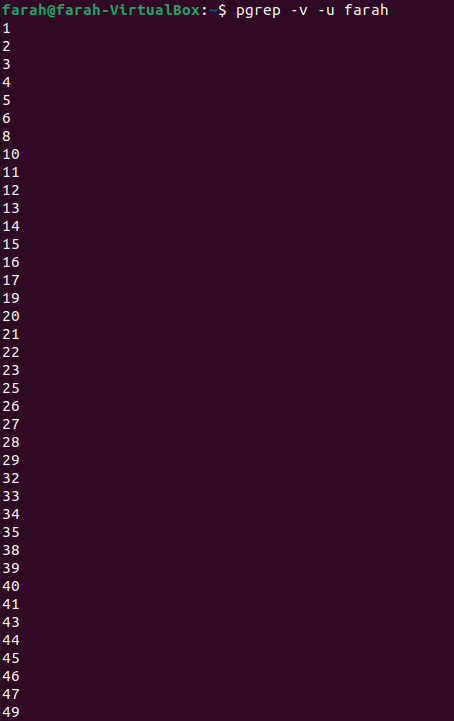
Q13:  
A black background with green and white text

Description automatically generated  
The jobs command displays the status of jobs started in the current shell environment. If no specific job is specified with the JobID parameter, status information for all active jobs is displayed. If a job termination is reported, the shell removes that job's process ID from the list of those known by the current shell environment.  
Q14:



Q15:  
A screenshot of a computer code

Description automatically generated  
Q16:  
A blurry image of a computer screen

Description automatically generated  
Q17:  
  
Q18:  
  
Q19:  
  
this command make the user log out from the system, it kills all processes.