

```
student@ai-HP-ProDesk-600-G4-MT: ~/Desktop/422147
student@ai-HP-ProDesk-600-G4-MT: ~/Desktop/422147$ ssh student@172.50.10.197
student@172.50.10.197's password:
Welcome to Ubuntu 20.04.2 LTS (GNU/Linux 5.8.0-59-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

640 updates can be applied immediately.
504 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

New release '22.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Thu Apr  4 12:39:56 2024 from 172.50.4.166
student@ai-HP-ProDesk-600-G4-MT:~$ ls
01.py                                bst234.py                            ForwardingTableGenerator.java      haskque3.hs      lab9q1_files      scheduling_1.c
172.50.6.155                        capital.txt                          gbnv.py                          haskque3.o       lab9q1.html       scheduling_2.c
422101                              client_arp.class                    ghijk.py                         haskque4         length.pl         seclar.sh
422111sqlab12_files                 Client_arp.class                   hadoop-3.3.6                     haskque4.hi     Main.java         Server_arp.class
422111sqlab12.html                  Client_arp.java                   haskque1                          haskque4.hs     math.py          Server_arp.class
422111-untx                         Clientarp.java                    haskque10                         haskque4.o      nax.pl           Server_arp.java
'621209 question 7.py'              Clienttrarp                       haskque10.hi                     haskque5        nbm.py           Server_arp.class
'621209 quesylon8.py'              Clienttrarp.class                 haskque10.hs                     haskque5.hi     merge.pl         Serrerrarp.class
622250                             Clienttrarp.java                 haskque10.o                     haskque5.hs     nkl.py          Serverarp.java
8_puzzle.py                         code                              haskque11                        haskque5.o      modify.pl        sharedmemory.c
abc.py                             contio.h                          haskque11.hi                     haskque6        multithread2.c   signal.c
add.pl                             contatnnum.pl                    haskque11.o                     haskque6.hi     multithread3.c  snap
AI_assign_4.py                     crc.class                         haskque11.o                     haskque6.hs     multithread.c   some.txt
Ailab3_01.py                       crc.java                         haskque12                        haskque6.o      Music            son.py
anaconda3                          CRC.py                           haskque12.hi                    haskque7        nmyproject       sos.py
a.out                              dbms_lab3_q1.sql                 haskque12.hs                    haskque7.hi     names.txt        sqlanta.txt
append.pl                          dbms_lab3_q3.sql                 haskque12.o                     haskque7.hs     new              StartExp1.class
area.py                            Desktop                           haskque14                        haskque7.o      nth.pl           StartExp1.java
assign_5                           dtr1                             haskque14.hi                    haskque8        num.txt          state.txt
assign_5.hi                        director                         haskque14.hs                    haskque8.hi     occurrence.pl    student-422159-
assign_5.hs                        div.hs                           haskque14.o                     haskque8.hs     occur.pl         student-422111
assign_5.o                         Documents                        haskque15                       haskque8.o      palindrome.sh    student-422111-oops
assign_5Q1                         Downloads                       haskque15.hi                    haskque9        pglfu.c          student-422111-os
assign_5Q1.hi                     DS                               haskque15.hs                    haskque9.hi     pgmfu.c          sumofsq.sh
assign_5Q1.hs                     eclipse                          haskque15.o                     haskque9.hs     Pictures         sum.pl
assign_5Q1.o                      eclipse-workspace                haskque16                       haskque9.o      pipe.c           Tdpl_assignment_4.sml
assign_5Q2                         encap.pl                        haskque16.hi                    hello            pro1             Templates
assign_5Q2.hi                     exit.c                           haskque16.hs                    hello.pl        Public            threadtdpl.java
```

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student@ai-HP-ProDesk-600-G4-MT: ~/Desktop/422147
assign_5.hs                        div.hs                            haskque14.o                     haskque8.hs     occur.pl          student-422111
assign_5.o                         Documents                        haskque15                       haskque8.o      palindrome.sh     student-422111-oops
assign_5Q1                         Downloads                       haskque15.hi                    haskque9        pglfu.c          student-422111-os
assign_5Q1.hi                     DS                               haskque15.hs                    haskque9.hi     pgmfu.c          sumofsq.sh
assign_5Q1.hs                     eclipse                          haskque15.o                     haskque9.hs     Pictures         sum.pl
assign_5Q1.o                      DS                               haskque16                       haskque9.o      pipe.c           Tdpl_assignment_4.sml
assign_5Q2                         Downloads                       haskque16.hi                    hello            pro1             Templates
assign_5Q2.hi                     Documents                        haskque16.hs                    hello.pl        Public            threadtdpl.java
assign_5Q2.hs                     Downloads                       haskque16.o                     hg.py           _pycache_        TNP_files
assign_5Q2.o                       Documents                       haskque18                        hi2.txt         que1a.a68        UNIX
assign_5Q3                         Downloads                       haskque18.hi                    hi3.txt         que1b.a68        'Untitled Document 1'
assign_5Q3.hi                     Downloads                       haskque18.hs                    hi.txt         que2b.sml        'Untitled Folder 1'
assign_5Q3.hs                     Downloads                       haskque18.o                     hjgf.py         que2.sml         'Untitled Folder 1'
assign_5Q3.o                       Downloads                       haskque18.hi                    hjybjm.py       que2.sml         'Untitled Folder 2'
assign_5Q4                         Downloads                       haskque18.o                     incrlst.pl      que3b.hs        Videos
assign_5Q4.hi                     Downloads                       haskque18.o                     inlfixtopostfpx.py quick.pl        wait.c
assign_5Q4.hs                     Downloads                       haskque18.o                     insertnth.pl    quick.pl        week10.sql
assign_5Q4.o                       Downloads                       haskque18.o                     insertzero.pl   quick.pl        week-4q-1.sql
bankersalgo.c                     Downloads                       haskque18.o                     insertzero.pl   quick.pl        week4-q2.sql
bitstuffing.java                  Downloads                       haskque18.o                     insertzero.pl   quick.pl        week5-q1.sql
BitStuffing.java                  Downloads                       haskque18.o                     insertzero.pl   quick.pl        while.py
bst22.py                          Downloads                       haskque18.o                     insertzero.pl   quick.pl        while.py
wait.c: In function 'main':
wait.c:8:4: warning: implicit declaration of function 'fork' [-Wimplicit-function-declaration]
8 |   p=fork();
  |   ^~~~~~
wait.c:11:39: warning: implicit declaration of function 'getpid' [-Wimplicit-function-declaration]
11 |   printf("I am child having id %d\n",getpid());
  |   ~~~~~~
wait.c:12:35: warning: implicit declaration of function 'getppid' [-Wimplicit-function-declaration]
12 |   printf("my parent id is %d\n",getppid());
  |   ~~~~~~
student@ai-HP-ProDesk-600-G4-MT:~$ gcc exit.c
student@ai-HP-ProDesk-600-G4-MT:~$ ./a.out
12
the input is not as the choicestudent@ai-HP-ProDesk-600-G4-MT:~$ gcc flfo.c
student@ai-HP-ProDesk-600-G4-MT:~$ ./a.out
Average Turnaround Time: 19.00
Average Response Time: 12.33
student@ai-HP-ProDesk-600-G4-MT:~$ gcc fork.c
student@ai-HP-ProDesk-600-G4-MT:~$ ./a.out
found from the parent :-1
found from the child :5
student@ai-HP-ProDesk-600-G4-MT:~$
```



```
(base) student@ai-HP-ProDesk-600-G4-MT:~$ ssh student@172.50.15.38
The authenticity of host '172.50.15.38 (172.50.15.38)' can't be established.
ECDSA key fingerprint is SHA256:G974RqlXjg3onx6wveuiGtZrZGAI36j3T2ujpiTePQQ.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.50.15.38' (ECDSA) to the list of known hosts.
student@172.50.15.38's password:
Welcome to Ubuntu 20.04.2 LTS (GNU/Linux 5.8.0-59-generic x86_64)

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579 updates can be applied immediately.
463 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

The list of available updates is more than a week old.
To check for new updates run: sudo apt update
Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Wed Aug 30 16:10:23 2023 from 127.0.0.1
student@student:~$ cd Desktop
student@student:~/Desktop$ cd 422147
student@student:~/Desktop/422147$ javac hello.java
student@student:~/Desktop/422147$ java hello
hello world
student@student:~/Desktop/422147$ □
```

