```
brijesh@brijesh-GF75-Thin-9SCSR:~$ cd Desktop
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop$ echo "MAKING ALL DIRECTORIES AND FILES"
MAKING ALL DIRECTORIES AND FILES
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop$ mkdir Departments
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop$ cd Departments
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ mkdir COED ELECTRICAL MECHANICAL
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ cd COED
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/COED$ mkdir UnixOS DataStructure
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/COED$ cd UnixOS
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/COED/UnixOS$ touch m1.c m2.c m3.c m4.c
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/COED/UnixOS$ cd ../DataStructure
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/COED/DataStructure$ touch c1.txt c2.txt c3.txt
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/COED/DataStructure$ cd ../../ELECTRICAL
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/ELECTRICAL$ mkdir LM ATTE CAEE
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/ELECTRICAL$ cd ATTE/
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/ELECTRICAL/ATTE$ touch e1.b e2.b e3.b
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/ELECTRICAL/ATTE$ cd ../../MECHANICAL
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL$ mkdir DM HMT MP
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL$ cd DM/
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL/DM$ touch ttl.c
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL/DM$ touch t12.c
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL/DM$ touch tp.c
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL/DM$ cd ../HMT/
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL/HMT$ touch pl.c p2.c pp3.c
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL/HMT$ cd ../../
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
    COFD
        DataStructure
           - cl.txt
           - c2.txt
          - c3.txt
        Unix0S
          — m1.c
           - m2.c
          — m3.c
            m4.c
   ELECTRICAL
        ATTE
          - e1.b
          — e2.b
          - e3.b
       CAEE
      - LM
   MECHANICAL
        DM
           - t12.c
            tp.c
          — tt1.c
        НМТ
           - p1.c
           - p2.c
           pp3.c
11 directories, 16 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 1"
QUESTION 1
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
    COED
        DataStructure
           - cl.txt
           - c2.txt
          c3.txt
        Unix0S
           - m1.c
           - m2.c
            m3.c
            m4.c
    ELECTRICAL
        ATTE
        — e1.b
```

```
- p1.c
            p2.c
             pp3.c
11 directories, 16 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 2"
QUESTION 2
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ cp COED/UnixOs/m1.c MECHANICAL/DM/m1copy.c
cp: cannot stat 'COED/UnixOs/m1.c': No such file or directory brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
   - COED
       - DataStructure
           - cl.txt
           - c2.txt
           - c3.txt
         Unix0S
           - m1.c
           - m2.c
           — m3.c
           - m4.c
   ELECTRICAL
         ATTE
           - e1.b
           e2.b
         └─ e3.b
       - CAEE
      — LM
    MECHANICAL
        DM
           — t12.c
           - tp.c
         ☐ tt1.c
         HMT
         ├─ p1.c
           — p2.c
         _____pp3.c
11 directories, 16 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 3"
QUESTION 3
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ cp ../../ELECTRICAL/ATTE/e2.b ../../ELECTRICAL/L
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
  - COED
        DataStructure

    c1.txt

           c2.txt
           — c3.txt
         Unix0S
          — m1.c
           — m2.c
           — m3.c
           - m4.c
   - ELECTRICAL
        ATTE
          — e1.b
           — e2.b
         └─ e3.b
       - CAEE
       - LM
    MECHANICAL
       – DM
         ├─ t12.c
         tp.c
tt1.c
       - HMT
         |— p1.c
|— p2.c
         □ pp3.c
```

```
COED
       - DataStructure
           - c1.txt
          c2.txt
           - c3.txt
        Unix0S
          — m1.c
— m2.c
          — m3.c
          — m4.c
   ELECTRICAL
      ATTE
           - e1.b
          — e2.b
          — e3.b
       - CAEE
      - LM
    MECHANICAL
           - t12.c
           - tp.c
         — tt1.c
        HMT
         — p1.c
          — p2.c
            pp3.c
       - MP
11 directories, 16 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 5"
QUESTION 5
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ cp COED/*/c*.* ELECTRICAL/CAEE/
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
    COED
        DataStructure
          — c1.txt
          c2.txt
          — c3.txt
        Unix0S
         — m1.с
          — m2.c
          — m3.c
          — m4.c
   ELECTRICAL
       ATTE
           - e1.b
          - e2.b
        └─ e3.b
        CAEE
          — cl.txt
          - c2.txt
          — c3.txt
      - LM
  - MECHANICAL
       - DM
         — t12.c
           - tp.c
        tt1.c
      – нмт
         ├─ p1.c
          _ p2.c
           - pp3.c
11 directories, 19 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 6"
QUESTION 6
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ mv MECHANICAL/DM/tp.c MECHANICAL/DM/ctp.c
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree

    DataStructure
```

```
ATTE
          - e1.b
           - e2.b
          - e3.b
        CAEE
          - c1.txt
           - c2.txt
          - c3.txt
      - LM
   MECHANICAL
       - DM
         — ctp.c
         — t12.c
        tt1.c
      - HMT
        ├─ p1.c
        — p2.c
— pp3.c
      - MP
11 directories, 19 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 7"
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ mv ELECTRICAL/ATTE/e1.b ELECTRICAL/ATTE/e1.c
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
    COED
       - DataStructure
           - c1.txt
          c2.txt
          - c3.txt
       Unix0S
          — m1.c
           - m2.c
          — m3.c
        _____m4.c
   ELECTRICAL
        ATTE
           - e1.c
          - e2.b
        __ e3.b
        CAEE
         — c1.txt
          – c2.txt
          - c3.txt
      - LM
   MECHANICAL
      — DM
           - ctp.c
          t12.c
        └─ tt1.c
      - HMT
         ├─ p1.c
          — p2.c
        ___ pp3.c
       - MP
11 directories, 19 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 8"
QUESTION 8
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ rm MECHANICAL/HMT/?p*.*
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
    COED
        DataStructure
          - cl.txt
          c2.txt
          — c3.txt
        Unix0S
         — m1.c
          — m2.c
          — m3.c
        □ m4.c
    ELECTRICAL
```

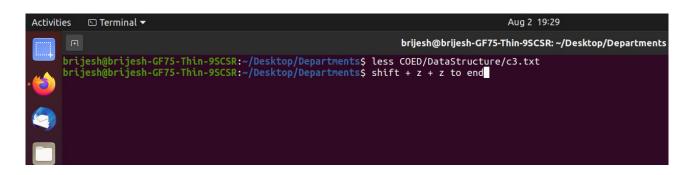
```
L— LM
   MECHANICAL
            ctp.c
            t12.c
          tt1.c
        НМТ
            p1.c
            p2.c
        MP
11 directories, 18 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 9"
OUESTION 9
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ cd ELECTRICAL
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/ELECTRICAL$ rm ../MECHANICAL/DM/m1.c
rm: cannot remove '../MECHANICAL/DM/m1.c': No such file or directory
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/ELECTRICAL$ cd ../
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
    COED
        DataStructure
          - cl.txt
           c2.txt
          — c3.txt
        Unix0S
          — m1.c
          - m2.c
          - m3.c
         — m4.c
   ELECTRICAL
        ATTE
          - e1.c
           - e2.b
        ___ e3.b
        CAEE

    c1.txt

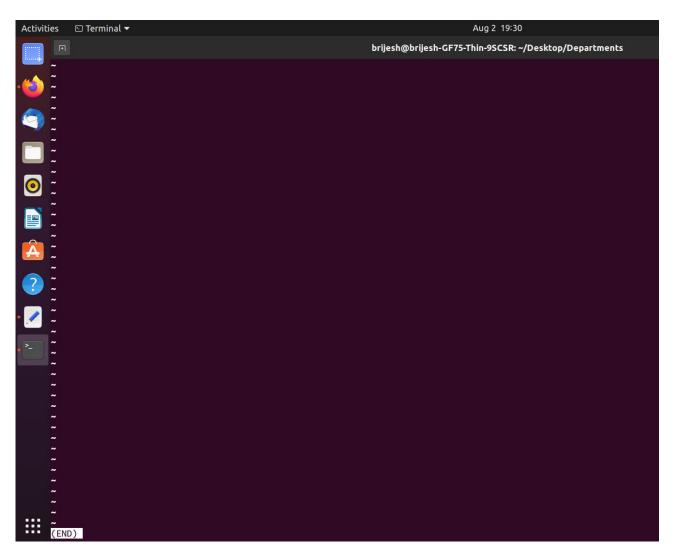
          c2.txt
          - c3.txt
       LM
   MECHANICAL
       - DM
         — ctp.c
          - t12.c
          - tt1.c
        НМТ
          - p1.c
            p2.c
       MP
11 directories, 18 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 10"
QUESTION 10
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ cd MECHANICAL
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL$ rm ../COED/UnixOS/??.*
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL$ cd ../
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
    COED
        DataStructure
          - c1.txt
          - c2.txt
          - c3.txt
       Unix0S
   ELECTRICAL
        ATTE
          - e1.c
          — e2.b
          - e3.b
        CAEE
         — c1.txt
            c2.txt
          - c3.txt
```

```
└ MP
11 directories, 14 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 11"
QUESTION 11
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ cd MECHANICAL/MP
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL/MP$ pwd
/home/brijesh/Desktop/Departments/MECHANICAL/MP
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments/MECHANICAL/MP$ cd ../../
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 13"
QUESTION 13
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ rm -r COED/UnixOS
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ tree
    COED
      - DataStructure
          - c1.txt
           c2.txt
        └─ c3.txt
   ELECTRICAL
       ATTE
          - e1.c
          - e2.b
         — e3.b
        CAEE
          - c1.txt
          c2.txt
          - c3.txt
      - LM
   MECHANICAL
       DM
           ctp.c
          - t12.c
          - ttl.c
        HMT
        ├─ p1.c
           p2.c
      - MP
10 directories, 14 files
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ echo "QUESTION 14"
QUESTION 14
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$ date +"DATE : %F and TIME : %T"
DATE : 2021-08-03 and TIME : 23:38:00
brijesh@brijesh-GF75-Thin-9SCSR:~/Desktop/Departments$
```

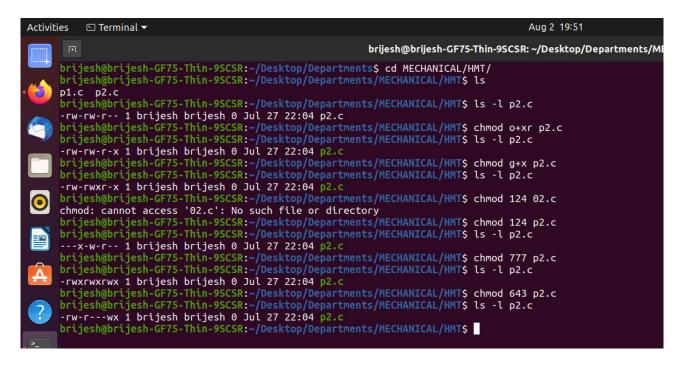
QUESTION 15:







QUESTION 16:



QUESTION 17 AND 18:

