

 cseb1037595@linux: ~/ANIMAL/MAMMAL

```
cseb1037595@linux:~$ mkdir -p ANIMAL/FISH/MARINE
cseb1037595@linux:~$ cd ANIMAL
cseb1037595@linux:~/ANIMAL$ mkdir -p MAMMAL/DOG
cseb1037595@linux:~/ANIMAL$ cd FISH
cseb1037595@linux:~/ANIMAL/FISH$ mkdir FRESH_WATER
cseb1037595@linux:~/ANIMAL/FISH$ cd ../..
cseb1037595@linux:~$ cd ANIMAL
cseb1037595@linux:~/ANIMAL$ cd MAMMAL
cseb1037595@linux:~/ANIMAL/MAMMAL$ mkdir CAT
cseb1037595@linux:~/ANIMAL/MAMMAL$ █
```

 cseb1037595@linux: ~/ANIMAL/FISH

```
cseb1037595@linux:~/ANIMAL/MAMMAL$ cd ..
```

```
cseb1037595@linux:~/ANIMAL$ cd FISH
```

```
cseb1037595@linux:~/ANIMAL/FISH$ cat >> fish.txt
```

```
csebl037595@linux:~/ANIMAL/FISH$ cat >> fish.txt  
are gill-bearing.
```

Fish aquatic craniate animals.

Fish lack limbs with digits.

Fish form a sister group to the tunicates, together forming the outgroup.

Types are hag fish, lampreys, and cartilaginous and bony fish.

Fish, as vertebrata, developed as sister of the tunicata.

As the tetrapods emerged deep within the fishes group, as sister of the lungfish.

Characteristics of fish are typically shared by tetrapods, FISH

Including having vertebrae and a cranium

^C

```
csebl037595@linux:~/ANIMAL/FISH$ cat fish.txt  
are gill-bearing.
```

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```
csebl037595@linux:~/ANIMAL/FISH$ █
```



cseb1037595@linux: ~

```
cseb1037595@linux:~$ cal
```

November 2021

Su	Mo	Tu	We	Th	Fr	Sa
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	1	2	3	4	5	6
--	---	---	---	---	---	---

7	8	9	10	11	12	13
---	---	---	----	----	----	----

14	15	16	17	18	19	20
----	----	----	----	----	----	----

21	22	23	24	25	26	27
----	----	----	----	----	----	----

28	29	30				
----	----	----	--	--	--	--

```
cseb1037595@linux:~$
```

```
cseb1037595@linux:~$ cat >> date.txt
```

```
date
```

```
^C
```

```
cseb1037595@linux:~$ cat date.txt
```

```
date
```

```
csebl037595@linux:~$ ls -a
.   1007545  2001176  ANIMAL      .bash_logout  bhashyam  .cache  collage.txt  command.txt  file.txt  maincommands.txt.gz  .profile  varma
..  1037595  .amrita  .bash_history  .bashrc      cl        chaitanya  commands.txt  date.txt    iloveindia  popd      return
csebl037595@linux:~$
```

```
cseb1037595@linux:~$ ls -a
.    1007545  2001176  ANIMAL      .bash_logout  bhashyam  .cache      collage.txt  command.txt  file.txt    maincommands.txt.gz  .profile  varma
..   1037595  .amrita  .bash_history  .bashrc      cl         chaitanya  commands.txt  date.txt    iloveindia  popd          return
cseb1037595@linux:~$
```

```
cseb1037595@linux:~/ANIMAL$ cd FISH
cseb1037595@linux:~/ANIMAL/FISH$ head -3 fish.txt
are gill-bearing.
```

Fish aquatic craniate animals.

```
cseb1037595@linux:~/ANIMAL/FISH$ re gill-bearing.
```


 cseb1037595@linux: ~/ANIMAL/FISH

```
cseb1037595@linux:~/ANIMAL/FISH$ cp fish.txt fish2.txt
cseb1037595@linux:~/ANIMAL/FISH$ cat fish2.txt
are gill-bearing.
```

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Characteristics of fish are typically shared by tetrapods, FISH

Including having vertebrae and a cranium

```
cseb1037595@linux:~/ANIMAL/FISH$ █
```

```
cseb1037595@linux:~/ANIMAL/FISH$ cd ..  
cseb1037595@linux:~/ANIMAL$ cd MAMMAL  
cseb1037595@linux:~/ANIMAL/MAMMAL$ mv CAT LION  
cseb1037595@linux:~/ANIMAL/MAMMAL$ ls  
DOG  LION  
cseb1037595@linux:~/ANIMAL/MAMMAL$
```

```
DOG FISH
cseb1037595@linux:~/ANIMAL/MAMMAL$ cd ..
cseb1037595@linux:~/ANIMAL$ cp -r FISH MAMMAL
cseb1037595@linux:~/ANIMAL$ cd MAMMAL
cseb1037595@linux:~/ANIMAL/MAMMAL$ cat MAMMAL
cat: MAMMAL: No such file or directory
cseb1037595@linux:~/ANIMAL/MAMMAL$ ls
DOG FISH LION
```

```
cseb1037595@linux:~/ANIMAL/MAMMAL$ cd ..  
cseb1037595@linux:~/ANIMAL$ cd FISH  
cseb1037595@linux:~/ANIMAL/FISH$ head -6 fish.txt  
are gill-bearing.
```

Fish aquatic craniate animals.

Fish lack limbs with digits.

```
cseb1037595@linux:~/ANIMAL/FISH$ █
```

```
cseb1037595@linux:~/ANIMAL/FISH$ tail -8 fish.txt
```

```
Fish, as vertebrata, developed as sister of the tunicata.
```

```
As the tetrapods emerged deep within the fishes group, as sister of the lungfish.
```

```
Characteristics of fish are typically shared by tetrapods, FISH
```

```
Including having vertebrae and a cranium
```

```
cseb1037595@linux:~/ANIMAL/FISH$ █
```

```
cseb1037595@linux:~/ANIMAL/FISH$ grep fish fish.txt | wc -w  
33  
cseb1037595@linux:~/ANIMAL/FISH$
```

```
cseb1037595@linux:~/ANIMAL/FISH$ pwd  
/home/student/btech/cse/cse21/cseb1037595/ANIMAL/FISH
```

```
csebi037595@linux:~$ cat >> num.txt
```

```
101
103
105
107
109
111
113
115
117
119
120
118
116
114
112
110
108
106
104
102
100
^C
```

```
csebi037595@linux:~$ sort num.txt
```

```
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
```



```
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
cseb1037595@linux:~$ sort | num.txt
[1]+  Stopped                  sort | num.txt
cseb1037595@linux:~$ num.txt: command not found
^C
cseb1037595@linux:~$ sort -r num.txt
120
119
118
117
116
115
114
113
112
111
110
109
108
107
106
105
104
103
102
101
100
cseb1037595@linux:~$ █
```