







Consider this Unix password file (usually found in /etc/passwd):

```
root:ZHolHAHZw8As2:0:0:root:/root:/bin/dash
jas:iaiSHX49Jvs8.:100:100:John Shepherd:/home/jas:/bin/bash
andrewt:rX9KwSSPqkLyA:101:101:Andrew Taylor:/home/andrewt:/bin/cat
postgres::997:997:PostgreSQL Admin:/usr/local/pgsql:/bin/bash
oracle::999:998:Oracle Admin:/home/oracle:/bin/bash
cs2041:rX9KwSSPqkLyA:2041:2041:COMP2041 Material:/home/cs2041:/bin/bash
cs3311:mLRiCIvmtI902:3311:3311:COMP3311 Material:/home/cs3311:/bin/zsh
cs9311:fIVLdSXYoVFaI:9311:9311:COMP9311 Material:/home/cs9311:/bin/bash
cs9314:nTn.JwDgZE1Hs:9314:9314:COMP9314 Material:/home/cs9314:/bin/fish
cs9315:sOMXwkqmFbKlA:9315:9315:COMP9315 Material:/home/cs9315:/bin/bash
```

Provide a command that would produce each of the following results:

- a. Display the first three lines of the file
- Display lines belonging to class accounts
 (assuming that class accounts have a username that starts with either "cs", "se", "bi" or "en", followed by four digit)
- c. Display the username of everyone whose shell is /bin/bash
- d. Create a tab-separated file passwords.txt containing only the username and password of each user

















