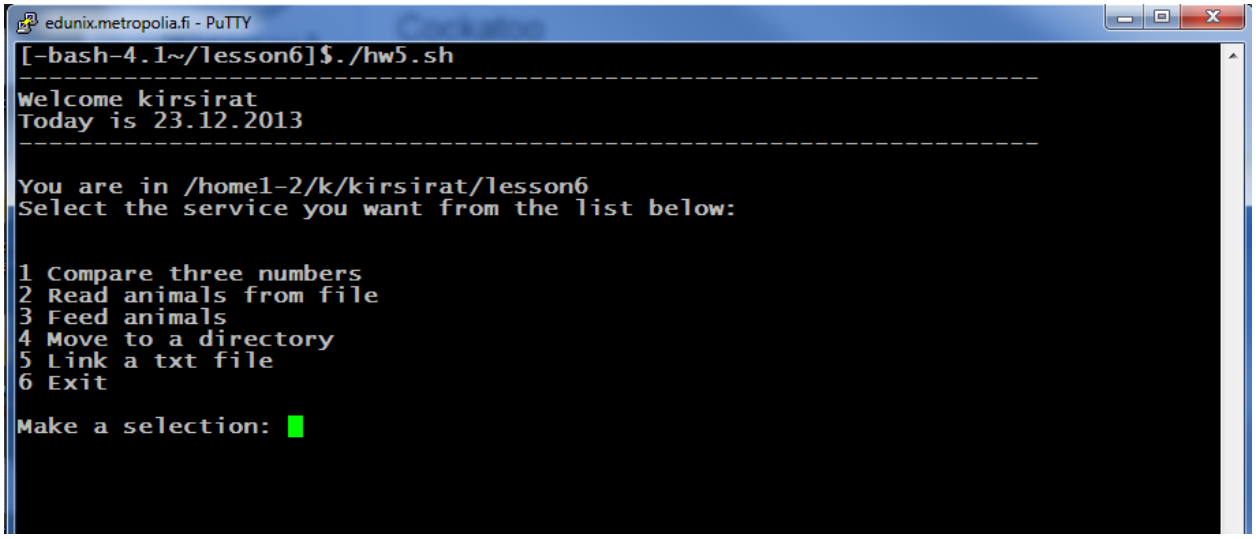
Tasks

Task is to create a large script file that implements a menu based set of services.
Also, script should contain enough comments.

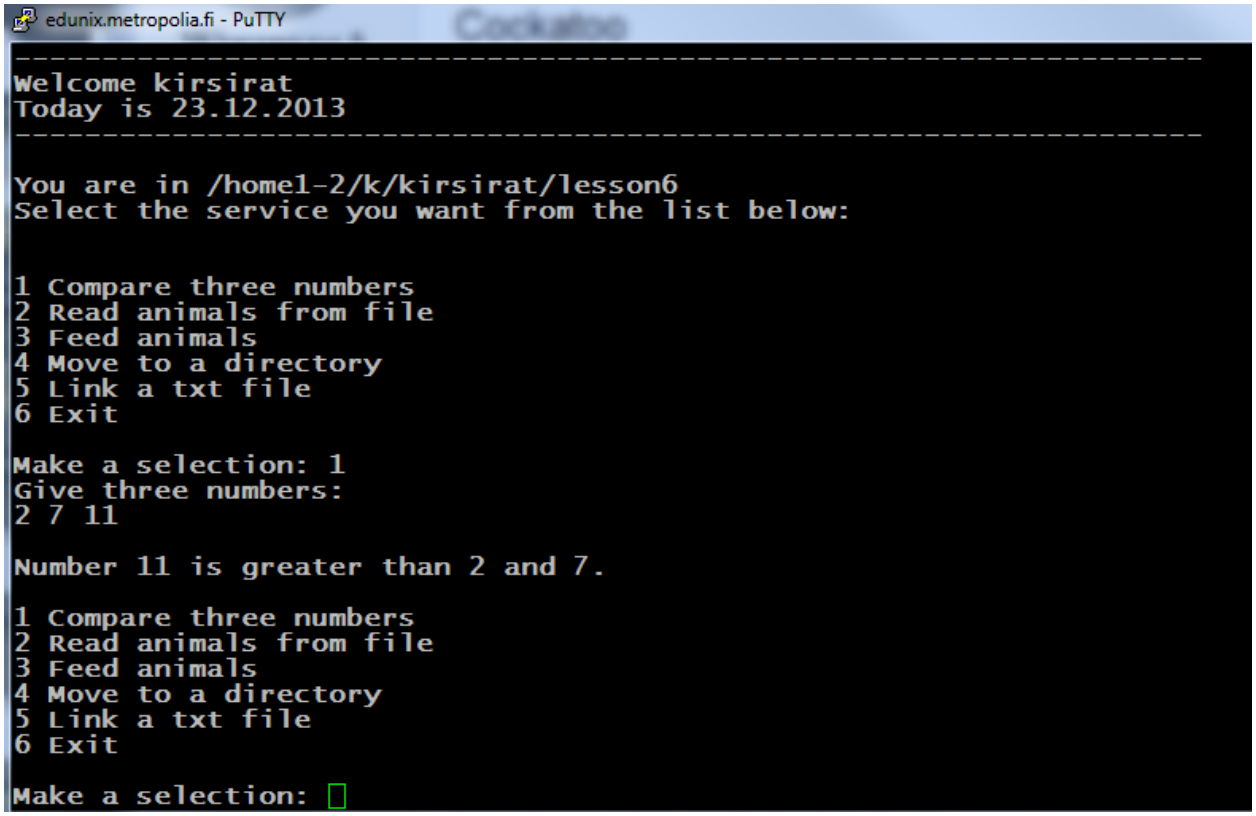
Task 1

Print the menu and greeting like in the picture. Menu is drawn again after each user selection until the selection is Exit. Greeting is only printed once.



Task 2

Make the service from first menu item “1 Compare three numbers”.
Numbers are asked from the user. If user inputs 2, 7 and 11 the output is following:



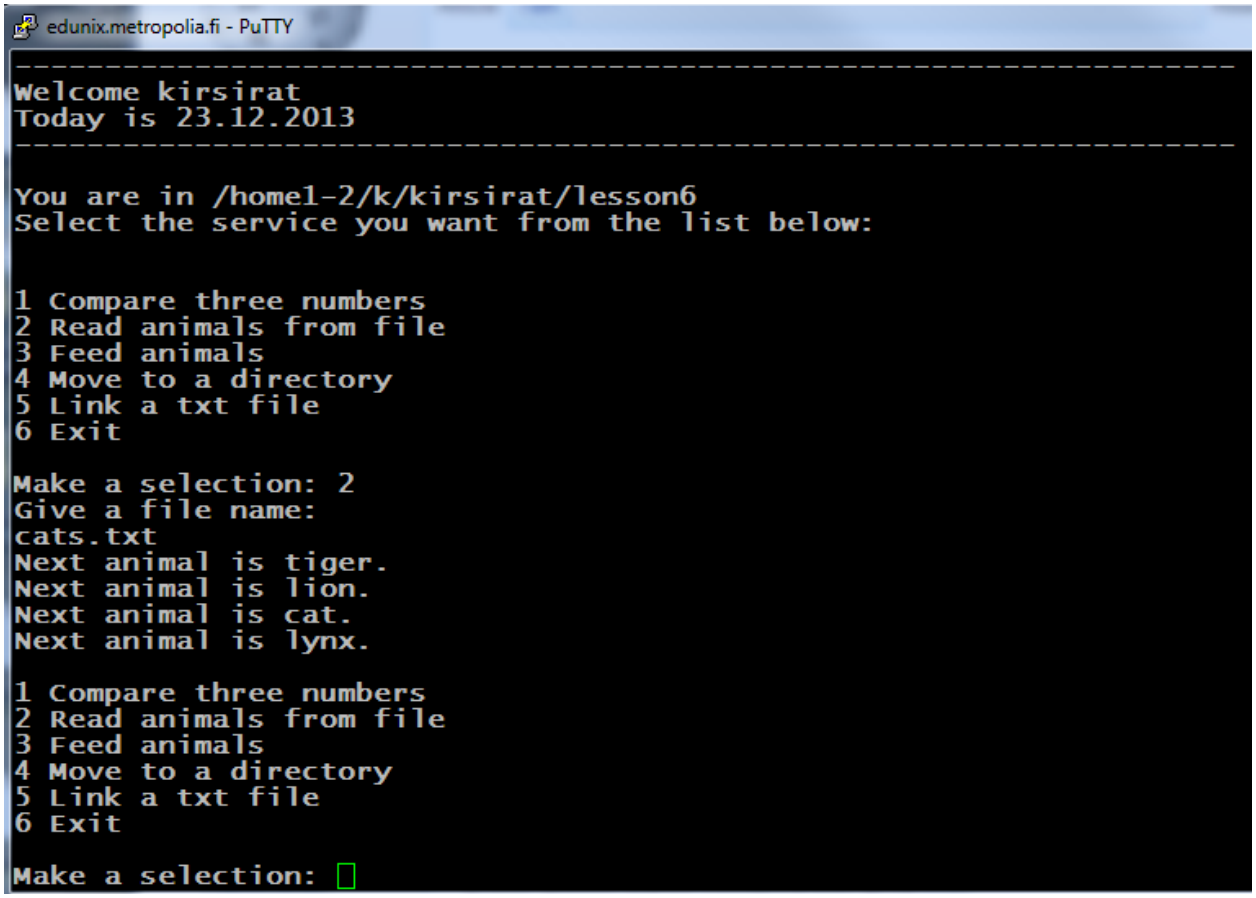
If none of the three numbers is explicitly greater than the other two the output is (like given 1, 2 and 2):
"None of the numbers 1, 2 and 2 is greater than the other two."

Task 3

Make the service from first menu item "2 Read animals from file".
User is asked for a file name and all the animals from that file are printed out. Animals are in the file one animal in each line.
If you have in current working directory a file called cats.txt with the following contents:

```
tiger
lion
cat
lynx
```

The output will be like in the next picture.



No error handling for missing file needed.

Task 4

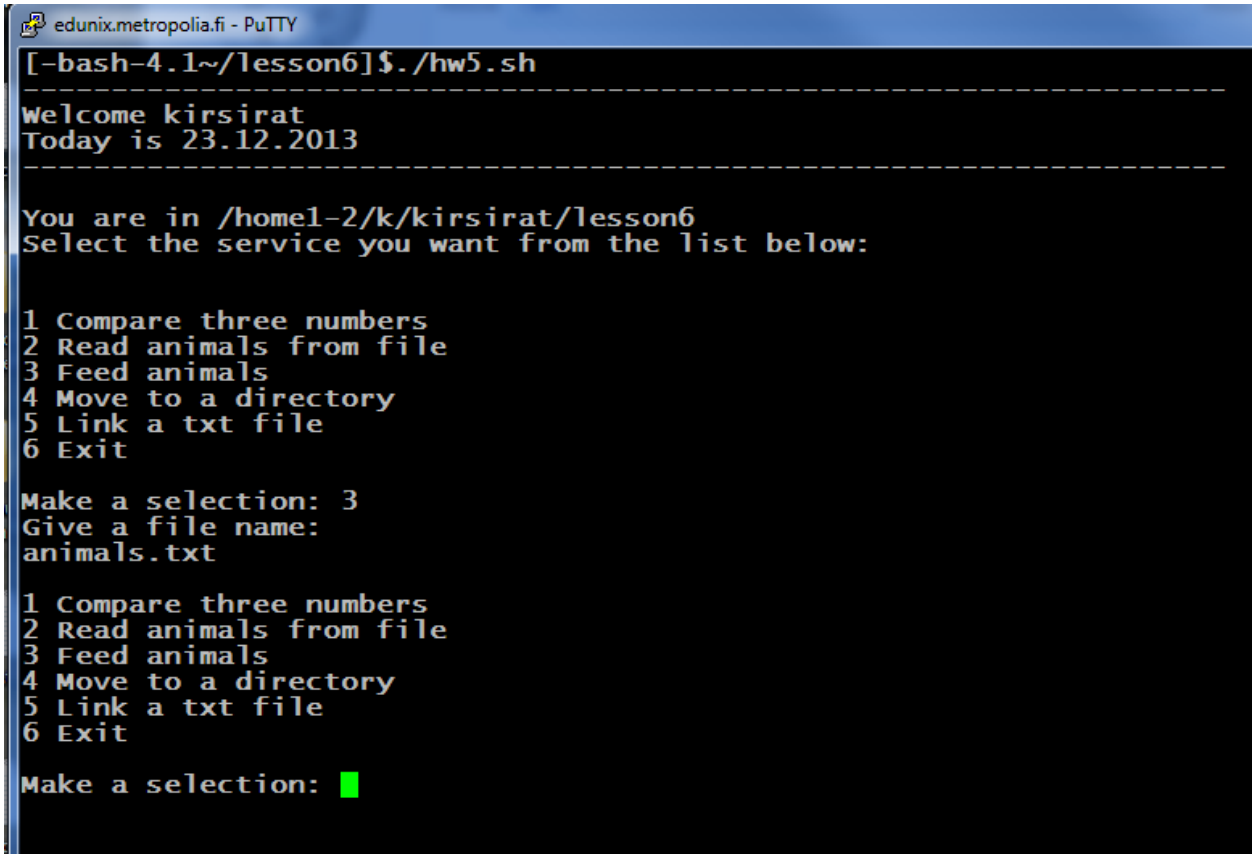
Make the service from first menu item “3 Feed animals”.

User is asked for a file name and all the animals from that file are printed out. Animals are in the file one animal in each line. Each animal beginning with c (or C) is fed seeds. tiger and lion are fed meat and all the other animals are fed hay.

If you have in current working directory a file called animals.txt with the following contents:

```
chicken
tiger
cockatoos
lion
lynx
cow
horse
```

The output will be like in the next picture.



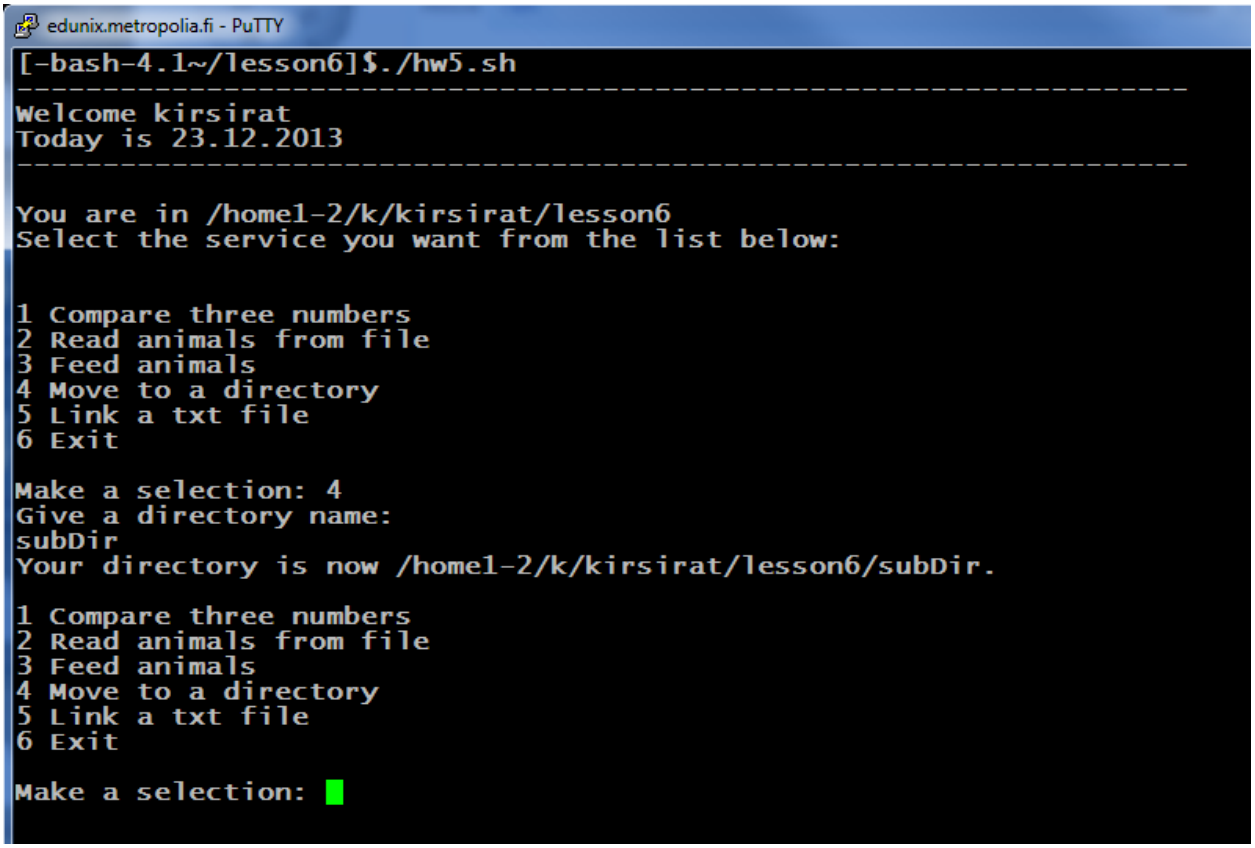
The contents of feeding.log will be:

```
Next animal is chicken.
feed seeds
Next animal is tiger.
feed meat
Next animal is cockatoos.
feed seeds
Next animal is lion.
feed meat
Next animal is lynx.
feed hay
Next animal is cow.
feed seeds
Next animal is horse.
feed hay
```

Task 5

Make the service from first menu item “4 Move a directory”.

User is asked for a directory name. If the directory exists in the current working directory users current working directory is changed to the directory.
If directory doesn't exist the output: "Directory does not exist." is given.



Task 6

Make the service from first menu item "5 Link a txt file".
User is asked for a file name. If the file exists in the current working directory and is a text file a symbolic link with a name linkTofile where file is the original file name.
If file doesn't exist or is not a regular text file the output: "File does not exist." is given.