

Exercise 1

Create directory “week1” in home directory.

- `mkdir ~ /week1`
- `cd ~ /week1`

List entries in `/usr/bin` that contain “**gcc**” in reverse alphabetical order. Save results in

- “`~ /week1/ex1.txt`”.

Exercise 2

Try some commands and save history to “*~ /week1/ex2.txt*”.

history > ex2.txt

Exercise 3

Write a shell script “**ex3.sh**” that prints time (use **date** command), then **sleep** for 3 seconds (use `sleep 3`) and prints time again. Run script with:

sh ex3.sh

Exercise 4 - Hello World

Write “Hello world” in the C language. Create source file:

`gedit ~ /week1/main.c`

Write program:

```
1 #include <stdio.h>
2 int main(void)
3 {
4     printf("Hello World!");
5 }
```

Exercise 4 - Compilation

Compile the program, where `ex4` is name of executable file:

- `gcc main.c -o ex4`

Run the program with:

- `./ex4`