

# Unix-like Operating Systems

Arithmetic calculations.

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# Discussion of homework

- Copy all files from the directory `/tmp`, that are readable for you, to the compressed archive.
- Verify, that the content of the archive is correct.
- Create the new directory `$HOME/tmp-backup`. Restore all data from the previous archive to this directory.

# Incrementing variable values

- How to increment the content of the shell variable `max`?

```
export max=0;
```

- How to calculate the average size of regular files in the current directory?

- Login to the server `fray1.fit.cvut.cz`.
- How to calculate the average number of system calls per second?

Hints:

- Use command `vmstat -s` to get the number of system calls.
- Use command `uptime` to get number of seconds from the last reboot.