42SH

The goal of the project:

The goal of the project is to create a Unix SHELL.

The project consists of two sections:

- a mandatory section, which MUST be completed: display a prompt, parse and execute some commands
- an optional section, which will only be evaluated if the mandatory section is fully functional.

---MANDATORY SECTION---

This section must be COMPLETELY FUNCTIONAL. Otherwise your grade will be 0.

Concerning command parsing and execution, you must handle:

- spaces and tabs.
- $PATH and environment.
- errors and return value.
- redirections ('<', '>', '<<' and '>>').
- pipes ('|').
- builtins: cd, echo, exit, setenv, unsetenv.
- separators: ';', '&&', '||'.

---OPTIONAL SECTION---

Here are some of the few commands that we have made:

- history ('!').
- aliases.
- where.
- repeat.
- ls in color.
- echo.
- prompt with the date and the location that we are in our pc.

Creators: This project was one of the biggest projects of the 1st year at Epitech made by

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How does it work?

You just have to run the executable like that: *~/B-PSU-210> ./42sh*

After you can try all the functions at was mentioned upper.