# Programming Exercise 7.1

**Using else-if**

**Purpose**. Learn about else-if logic in Python by replacing the if-else in an existing program with a more detailed logic.

**Requirements**. Rewrite the `passNoPass.py` program from chapter 6, and name it `passSwitch.py`. Modify the program so that it *uses else-if logic*. Your program should say something different for each of the five grades, A-F or a-f, and "invalid" for anything else.

**Program I/O.** <u>Input</u>: one letter from the console keyboard. <u>Output</u>: Your identifying information, and either "You pass", "You do not pass", or "Invalid entry", to the console screen.

**Examples (3).** Here's what the output should look like, with user input in blue:

```
What is your grade? [A, B, C, D, or F]: X
No, that's an invalid entry


What is your grade? [A, B, C, D, or F]: F
Yikes -- you failed...


What is your grade? [A, B, C, D, or F]: A
Really execllent work!
```