

Selection Syntax Starter

For each of the following segments of code on, without discussing, how many different causes of a syntax error can you find?

Segment One

Incorrect Segment

```
# Get the score from the user via command line input.
student_score = int(input("Student's score: "))

# Test to see if the score is a pass, a fail, or 0.
if student_score == 70
    print("That is a pass")
elif student_score > 0
    print("That is a fail")
elif
    print("Did the student even attend?")
```

What is wrong?

- ▶ Closing parenthesis `()` missing
- ▶ Missing colons `:` missing (x3)
- ▶ `elif` in place of `else`
- ▶ `=>` is invalid, use `>=`

Python is a bit picky here, but the `>` or `<` must come first

Correction

```
# Get the score from the user via command line input.
student_score = int(input("Student's score: "))

# Test to see if the score is a pass, a fail, or 0.
if student_score >= 70:
    print("That is a pass")
elif student_score > 0:
    print("That is a fail")
else:
    print("Did the student even attend?")
```

Segment Two

Correction

```
# Get the day of the week from the user.
day = input("Please enter the day of the week: ")

# Check to see the string entered is a day (either with a
# capital letter or not), and print to the screen.
if day == "":
    # Warn the user they entered a blank string.
    print("Please do not leave blank.")
elif day == "monday" or day == "Monday":
    print("Urgh, Monday!")
elif day in ["Tuesday", "tuesday", "Wednesday", "wednesday"]:
    print("Just another normal school day.")
elif day == "Thursday" or day == "thursday":
    print("It's almost the weekend!")
elif day == "Friday" or day == "friday":
    print("WHOOOOO!")
elif day in ["Saturday", "saturday", "Sunday", "sunday"]:
    print("It's the weekend, chill!")
```