Learning objectives

Self-assess your current working knowledge of Java (and Python).

Python program

TempConvert.py

```python
# TempConvert.py

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# Converts Fahrenheit temperature to Celsius

FAHR = 40  # A constant in Python

cel = (FAHR - 32) * 5.0 / 9.0
print("The temp (in C) =", cel)
```

To run this program, on the command line we would type

```bash
python TempConvert.py
```

Java program

Write the equivalent of TempConvert.py using Java in the program TempConvert.java below.

```java
public class TempConvert{

  public static final double FAHR = 40.0; // A constant in Java

  public static void main(String[] args){
    double cel; // initialize

    cel = (FAHR - 32) * 5.0 / 9.0;
    System.out.println("The temp (in C) =" + cel);
  }
}
```

To run this program, what would you type on the command line?

```bash
javac TempConvert.java
java TempConvert
```