Worksheet 19

IF Statement

The following code segment, in Figure 1, is in pseudocode BUT it is flawed with respect to its logic because the IF statement is improperly formed. The intended function is not achieved.

Re-write this code in JAVA so that it works as shown in the sample session.

Figure 1

```
Example of improper ordering if/elif/else
 1    temperature = int(input("What is the temperature in Fahrenheit? "))
 2    if temperature > 90:
 3        print("It is hot outside")
 4    elif temperature > 110:
 5        print("Oh man, you could fry eggs on the pavement!")
 6    elif temperature < 30:
 7        print("It is cold outside")
 8    else:
 9        print("It is ok outside")
10    print("Done")
```

Sample Session

```
What is the temperature in Fahrenheit? 92
It is hot outside


What is the temperature in Fahrenheit? 111
Oh man, you could fry eggs on the pavement!


What is the temperature in Fahrenheit? 50
It is ok outside


What is the temperature in Fahrenheit? 29
It is cold outside
    |
```