Overview

Today, you will be writing a program to help determine the overall status of a day that a user completed. To do so, you will need to implement two functions, *typeOfDay* and *coffee*, to help determine exactly what kind of day the user had. Finally, after you write your two helper functions, you will write a third function, *main*, which will call the *typeOfDay* and *coffee* functions and do a little string formatting which will be explained later.

Coffee

The *coffee* function will help produce an adjective for the type of day the user had. First, the function prompts the user about how many cups of coffee the user consumed within the day along with how many hours the user slept the night before. This will require two uses of the built-in *raw_input()* function. After the user input has been collected and properly formatted, a formula, **score = 3 * cups_of_coffee + hours_of_sleep**, will be used to determine the users "score" for the day.

Based on the calculated score the following should be **returned**:

- score is greater than or equal to 12, **return "super hyper".**

- score is at least 6 but less than 12, **return "mellow".**

- score is less than 6, **return "sluggish".**

Type Of Day

The *typeOfDay* function will help determine what specific type of day the user had. Similar to the *coffee* function, type of day will prompt the user with two questions. Make sure they are worded as follows:

- "The weather was favorable today (enter YES for true, NO for false):"

- "I had a good time with my friends today (enter YES for true, NO for false:"

This structure allows you to work with some conditional logic using input given by the user. However, note that when testing this function the input given to both of these questions must either be "YES" or "NO".

Now, with information gathered from the user, the conditional logic part may begin:

- if the answer to both questions was "YES", then **return "spectacular"**

- if the answer to just one of the questions was "YES", then **return "decent"**

- if the answer to both of the questions was "NO", then **return "crummy"**

Main

The main function will call both the *coffee* and *typeOfDay* functions. (HINT: Be sure to somehow save what these functions return.)

Finally, to finish everything off you will print a statement for our user in a similar fashion:

*"You completed a **RESULT_OF_TYPE_OF_DAY** day in a **RESULT_OF_COFFEE** manner!!"*

Running Your Program

Hence, to run your entire program, you simply need to type *main()* and everything should run. Here are two sample tests:

Sample Test 1:

>>> main()

The weather was favorable today (enter YES for true, NO for false): YES

I had a good time with my friends today (enter YES for true, NO for false): YES

How many cups of coffee did you have today? 3

How many hours of sleep did you get last night? 5

You completed a spectacular day in a super hyper manner!!

Sample Test 2:

>>> main()

The weather was favorable today (enter YES for true, NO for false): NO

I had a good time with my friends today (enter YES for true, NO for false): YES

How many cups of coffee did you have today? 1

How many hours of sleep did you get last night? 1

You completed a decent day in a sluggish manner!!