

# Module 3 Lab 2 Solution

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## Welcome to our Lab Practice!

This lab is about branching - if-else statements. Are you ready? Let's get started!

You will find some small tasks in sections below.

###Task: Check if the weather is good for hiking.

You should ask the user to enter a float value as the temperature in Fahrenheit.

- If the temperature is within [60, 80], print "Perfect";
- otherwise, print "Not that good".

```
temp = float(input('Please enter the temperature in Fahrenheit: '))
if temp < 60 or temp > 80:
    print('Not that good')
else:
    print('Perfect')
```

###Task: Check if the user feels happy

You should ask the user "Are you happy now?".

- If the user enters "Yes", print "Fantastic!"
- otherwise, print "How can I help?"

```
happy = input('Are you happy now? Yes or No:')
if happy == 'Yes':
    print('Fantastic!')
else:
    print('How can I help?')
```

```
Are you happy now? Yes or No:Yes
Fantastic!
```

###Task: check if your plants need water

You should ask the user to enter an integer indicating the level of moisture of the soil (from 1: super dry; to 10: super wet).

- If the level is below 3, print "Yes, you should water your plants now"
- otherwise, print "No. Wait for the soil to be dryer".

```
level = int(input('Enter the level of moisture of the soil(from 1: super dry; to 10: super wet)'))
if level < 3:
    print('Yes, you should water your plants now')
else:
    print('No. Wait for the soil to be dryer')
```

###Task: check if a student finished Lab2

At first, ask the user: "Do you care about your learning outcome?"

- If yes, ask the user "Have you finished M3Lab2?"

\*\* if yes, print "Good job!" \*\* If no, print "Get it done ASAP!!!!!!"

- If no, then print "As long as you are happy."

```
care = input('Do you care about your learning outcome? Yes or No:')
if care == 'Yes':
    finish = input('Have your finished M3Lab2? ')
    if finish == 'Yes':
        print('Good job!')
    else:
        print('Get it done ASAP!!!!!!')
else:
    print('As long as you are happy.')
```

Do you care about your learning outcome? Yes or No:Yes

Have your finished M3Lab2? Yes

Good job!