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1. What is Python and why is it useful?
   Python is a general purpose, Interpreted, Interactive, object-oriented, and high-level programming language

2. Are the following variable names allowed in python?
   a. 1_message: No
   b. Greeting_message: Yes
   c. Message_1: Yes
   d. First name: No
   e. Full_name: Yes

3. Create a variable that holds the string "hello world"

```
testVariable = "hello world"
print(testVariable)

hello world
```

4. Create a variable for first name, last name and an email extension. Concatenating all three together to form an email address. For example: firstnamelastname@gmail.com

```
first_name = "John"
last_name = "Doe"
extension = "@gmail.com"
fullEmail = first_name+last_name+extension
print(fullEmail)

JohnDoe@gmail.com
```

5. Store someone you know's name in a variable called name. Print their name in lower and uppercase using a method.

```
friend_name = "Gary Louita"
print(friend_name.upper())
print(friend_name.lower())

GARY LOUITA
gary louita
```

6. Using a variable, ask your friend if they want to hang out on the 15th of the month. For example, "Do you want to hang out on the 15th of this month?" You should have to convert the number to a string.

```
month = 15
strMonth = str(month)
print("Hello, do you want to hangout on the",strMonth + "th of this month?")
```

Hello, do you want to hangout on the 15th of this month?