Youtube Video 3: Best of Psych series Part 3

Tuesday, November 16, 2021 2:06 PM

Shot 1:
- Video screen:
  - Title – Creating websites using Python and HTML
- Voice:
  - None

Shot 2:
- Video screen:

Creating a 2 question MBTI quiz on your own website

```
Question_1 = input("Type a, b, or c, to answer the following question: I try not to draw attention to myself. a-strongly agree, b-neutral, c-strongly dis

Question_2 = input("Type a, b, or c, to answer the following question: I have a vivid imagination. a-strongly agree, b-neutral, c-strongly disagree")

if Question_1 == "a" and Question_2 == "a":
  print("Because you answered 'a' for questions 1 and 2,")
  print("you're either an infp or intp!")
if Question_1 == "a" and Question_2 == "b":
  print("Because you answered 'a' for Q1 and 'b' for Q2,")
  print("you're either an isfp or an istp!")
# There aren't any possibilities for Q1 = a and Q2 = c in this mini test
# There aren't any possibilities for Q1 = b and Q2 = b in this mini test
if Question_1 == "b" and Question_2 == "a":
  print("Because you answered 'b' for Q1 and 'a' for Q2,")
  print("you're either an infj or intj!")
if Question_1 == "b" and Question_2 == "c":
  print("Because you answered 'b' for Q1 and 'c' for Q2,")
  print("you're either an isfj or istj!")
if Question_1 == "c" and Question_2 == "a":
  print("Because you answered 'c' for Q1 and 'a' for Q2,")
  print("you're either an entj, enfj, enfp, or an entp!")
if Question_1 == "c" and Question_2 == "b":
  print("Because you answered 'c' for Q1 and 'b' for Q2,")
  print("you're either an esfj or estj!")
if Question_1 == "c" and Question_2 == "c":
  print("Because you answered 'c' for Q1 and 'c' for Q2,")
  print("you're either an esfp or estp!")
```

- Voice:
  - Explanation review of using conditionals, print function, and input function, and running this code

Shot 3:
- Video screen:
  - Creating a webpage that runs this Quiz
- Voice:
  - None

Shot 4:
- Video screen:
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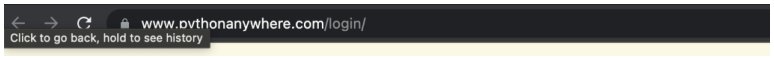
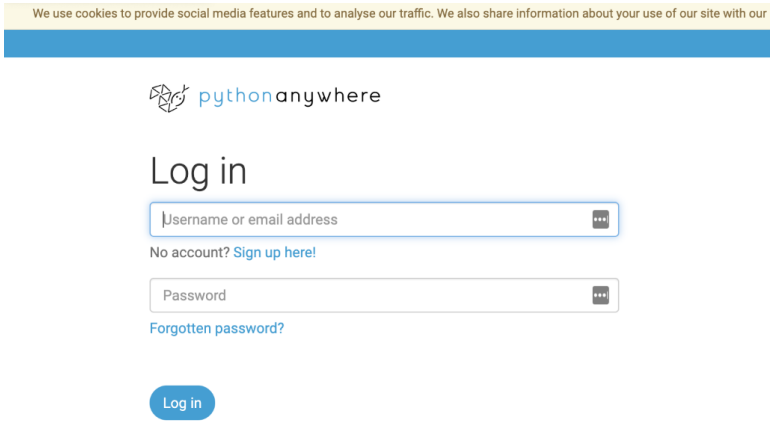
We will create this website

- Voice:
  - We will be creating this website using the hot website 'PythonAnywhere

Shot 5:
- Video screen:

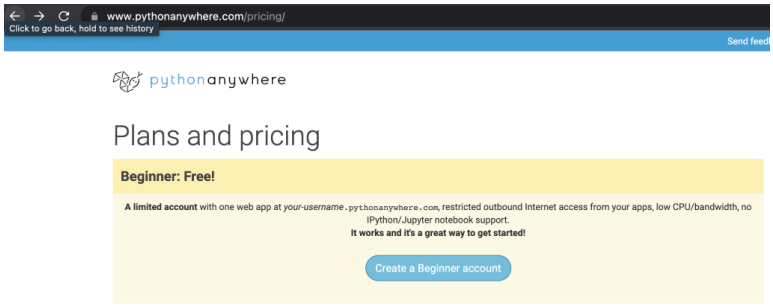




- Voice:
  - Explain to navigate to the website on-screen, and click Sign up here!

Shot 6:

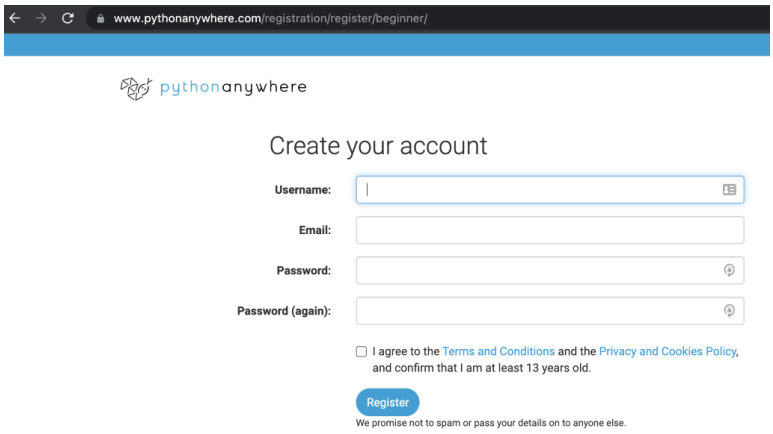
- Video screen:



- Voice:
  - Explain to click create beginner account button

Shot 7:

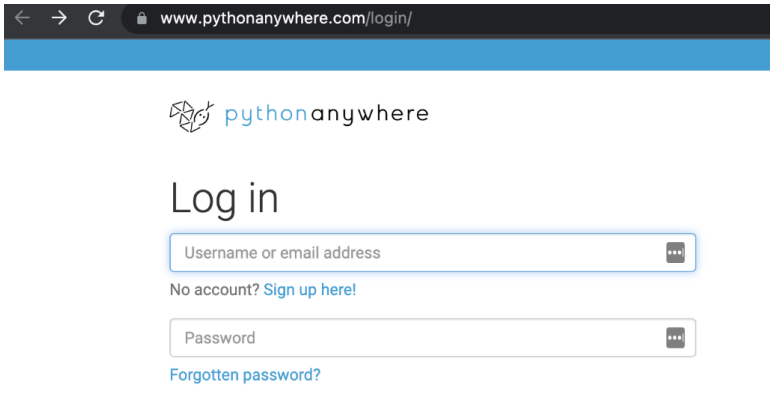
- Video screen:



- Voice:
  - Explain to create a username that will also be the name of your website

Shot 8:

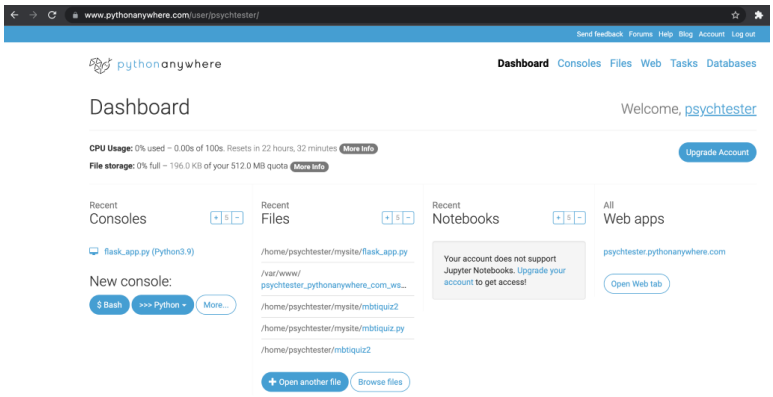
- Video screen:



- Voice:
  - Once you have created an account, login.

Shot 9:

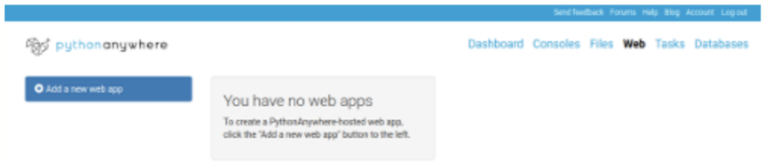
- Video screen:



- Voice:
  - Once you see the Dashboard, click Web, to start creating a webpage

Shot 10:

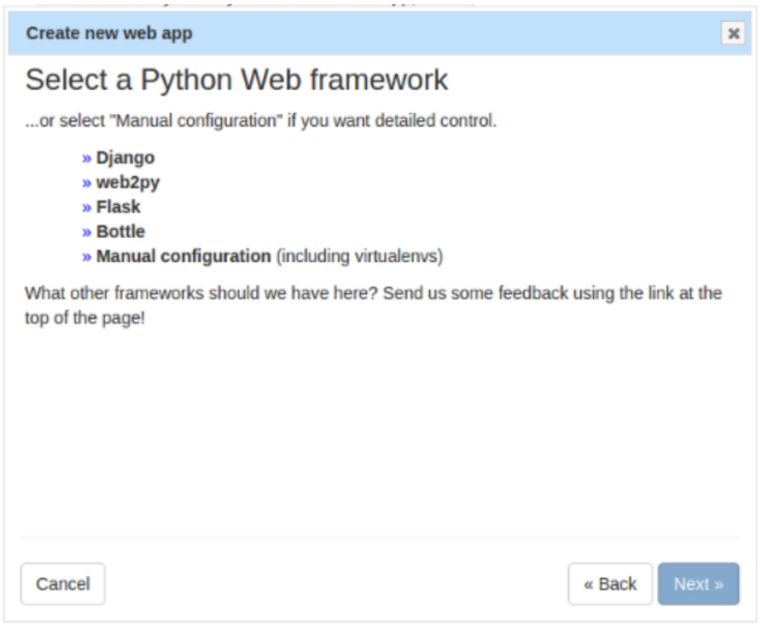
- Video screen:



- Voice:
  - Click the blue create new webpage button

Shot 11:

- Video screen:



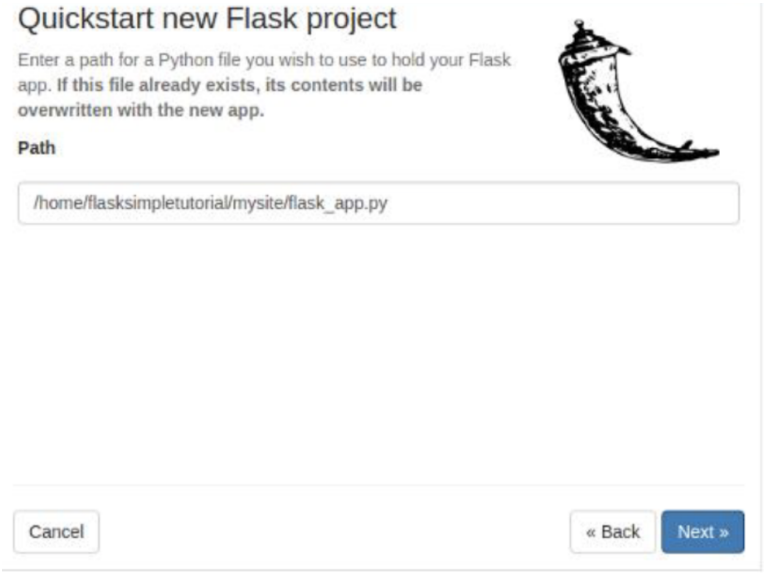
- Voice:
  - In the window before this, click next. In this window, choose flask

Shot 12:

- Video screen:
  -
- Voice:
  - In this window, choose Python 3.6

Shot 13:

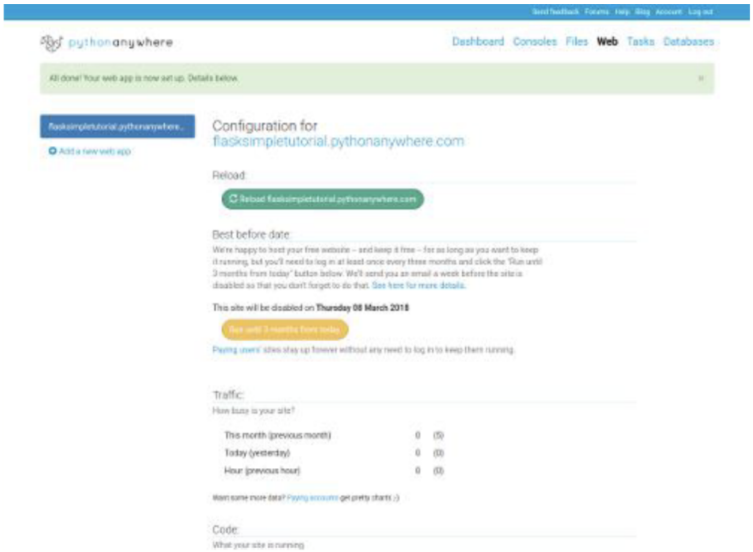
- Video screen:



- Voice:
  - In this window, click next

Shot 14:

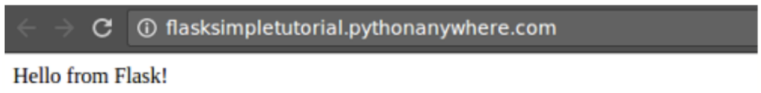
- Video screen:



- Voice:
  - When this configuaration page opens, right-click on your website link under configuration for, and open in new tab.

Shot 15:

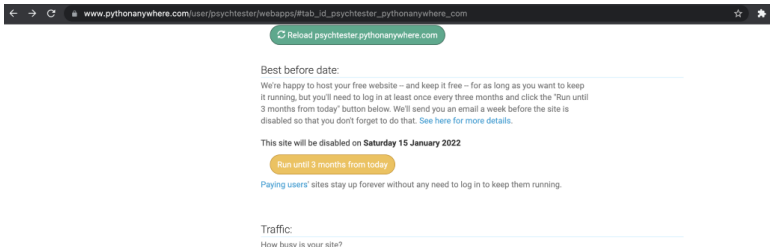
- Video screen:



- Voice:
  - You should see this page

Shot 16:

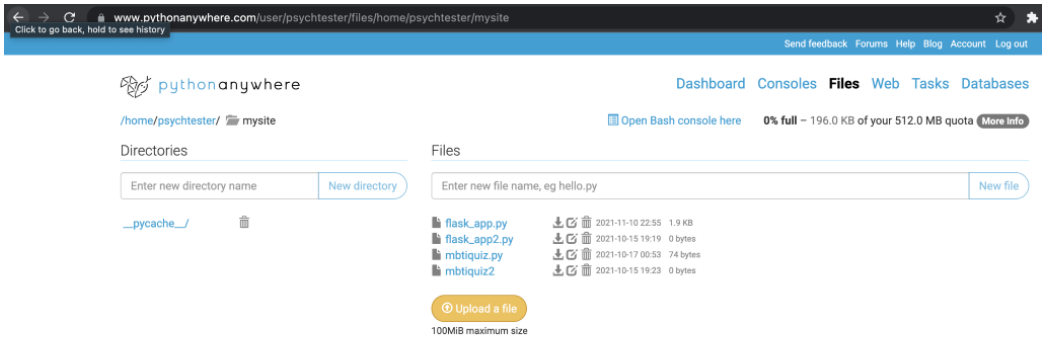
- Video screen:
  -



- Voice:
  - Back in the configuration page, click 'go to directory' beside 'source code'.

Shot 17:

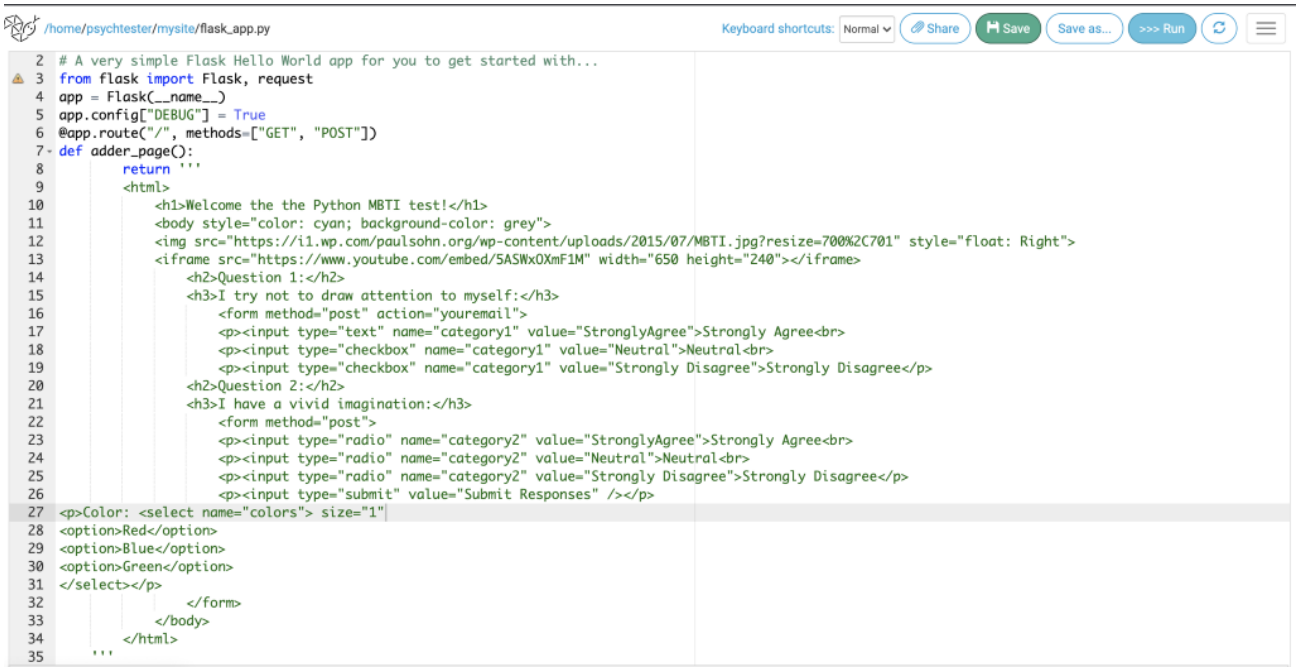
- Video screen:
  -



- Voice:
  - Click flask_app.py

Shot 18:

- Video screen:
  -



- Voice:
  - Explain to delete all of the code, and write everything exactly as you see here (line 2-35).
  - An explanation of what each code line does
    - Explain to write their email address in line 16
    - Explain that the textbox and checkbox input type is just there as an example. To make all of the input types as 'option' change input type in lines 17, 18, and 19 to 'radio'
  - Click save and the blue re-fresh button, then go back to your open-tab of your webpage

Shot 19:

- Video screen:
  -

- Voice:
  - Hit the refresh button on your web-browser, and you should see exactly what's showing here.
  - An explanation of everything on-screen, reminding people that in their flask_app.py file, they can change the input type to 'radio' so that quiz-takers can only select one option.

Shot 20:

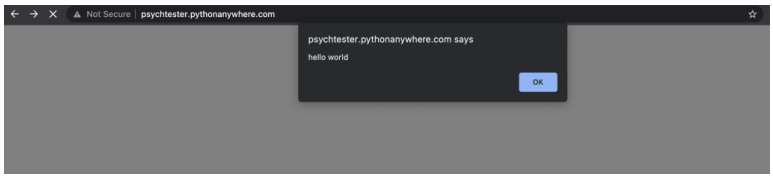
- Video screen:

```
app.config["DEBUG"] = True
@app.route("/", methods=["GET", "POST"])
def adder_page():
        return '''
        <html>
            <h1>Welcome the the Python MBTI test!</h1>
            <body style="color: cyan; background-color: grey">
            <img src="https://i1.wp.com/paulsohn.org/wp-content/uploads/2015/07/MBTI.jpg?resize=700%2C701" style="float: Right">
            <iframe src="https://www.youtube.com/embed/5ASNxOXmF1M" width="650 height="240"></iframe>
                <h2>Question 1:</h2>
                <h3>I try not to draw attention to myself:</h3>
                    <form method="post" action="youremail">
                    <p><input type="radio" name="category1" value="StronglyAgree">Strongly Agree<br>
                    <p><input type="radio" name="category1" value="Neutral">Neutral<br>
                    <p><input type="radio" name="category1" value="Strongly Disagree">Strongly Disagree</p>
                <h2>Question 2:</h2>
                <h3>I have a vivid imagination:</h3>
                    <form method="post">
                    <p><input type="radio" name="category2" value="StronglyAgree">Strongly Agree<br>
                    <p><input type="radio" name="category2" value="Neutral">Neutral<br>
                    <p><input type="radio" name="category2" value="Strongly Disagree">Strongly Disagree</p>
                    <p><input type="submit" value="Submit Responses" /></p>
<p>Color: <select name="colors"> size="1"
<option>Red</option>
<option>Blue</option>
<option>Green</option>
</select></p>
                    </form>
                <script type="text/javascript">
                  alert("hello world")
                </script>
                </body>
            </html>
        '''
```

- Voice:
  - Switch back to the flask_app.py code, and add the javascript code right before the last </body> tag, as shown above
  - This will create a pop-up when your webpage is first visited.
  - Note to them that I changed the input types to all be radio so they can see how it looks
  - Click save and the blue refresh button, and switch back to your webpage

Shot 21:

- Video screens:



- Voice:
  - Refresh your browser, and the pop-up window pops up. Click ok, and then you see your webpage, with the input types all changed to the option boxes.