# Greeter

1. **Controls**
   1. Preset up the button
   2. Preset up the input
   3. Preset up the output
2. **Start**
   1. Create the input on the HTML file
      1. Set height
      2. Set width
   2. Create the button on the HTML file
      1. Set height
      2. Set width
      3. Display a message on the button
      4. Detect clicks and activate the below function
3. **Button Click Detect**
   1. Collect what the user submitted
      1. If they submitted information, say hello
      2. If they did not, display error
4. **Validate Input**
   1. Collect what the user submitted
      1. If they submitted nothing, return this function as true

# Tip Calculator

1. **Controls**
   1. Preset up the button
   2. Preset up the input
   3. Preset up the output
2. **Start**
   1. Create the input on the HTML file
      1. Set height
      2. Set width
   2. Create the button on the HTML file
      1. Set height
      2. Set width
      3. Display a message on the button
      4. Detect clicks and activate the below function
3. **Button Click Detect**
   1. Collect what the user submitted
      1. If they submitted information, display the tip and total price
      2. If they did not, display error
4. **Validate Input**
   1. Collect what the user submitted, or if they submitted something less than 0
      1. If they submitted nothing, return this function as true
5. **Tip Calculator**
   1. Collect what the user submitted and set that to price
   2. Calculate 10% of the price and set that to tip
   3. Calculate the final price
   4. Test whether or not the price submitted is valid for a response

# Password Protected

1. **Controls**
   1. Preset up the button
   2. Preset up the input
   3. Preset up the output
   4. Preset up the second input
2. **Start**
   1. Create the input on the HTML file
      1. Set height
      2. Set width
      3. Set placeholder
   2. Create the second input on the HTML file
      1. Set height
      2. Set width
      3. Set placeholder
      4. Set the type to password
   3. Create the button on the HTML file
      1. Set height
      2. Set width
      3. Display a message on the button
      4. Detect clicks and activate the below function
3. **Button Click Detect**
   1. Collect what the user submitted
      1. If password and username match, display Access Granted
      2. If they did not, display Access Denied
4. **Login Check**
   1. Set up the username submitted as data 1
   2. Set up the password submitted as data 2
   3. Preset the username
   4. Preset the password
   5. Test to see if the submitted information matches the preset information