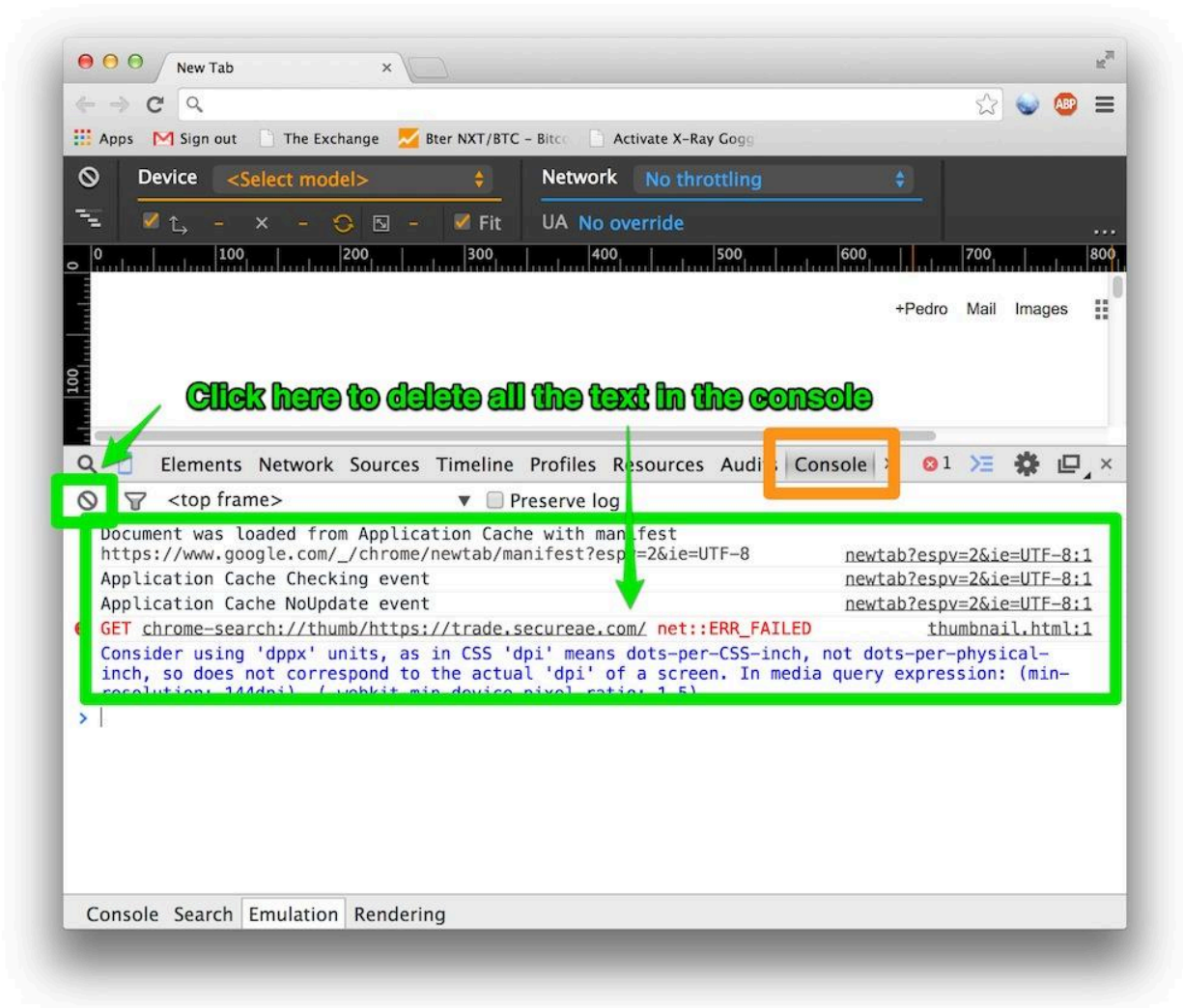# Worksheet #1: Variables

Using: variables, assignment, alert(), prompt()

- Let's open the web console and **clear** the output console.
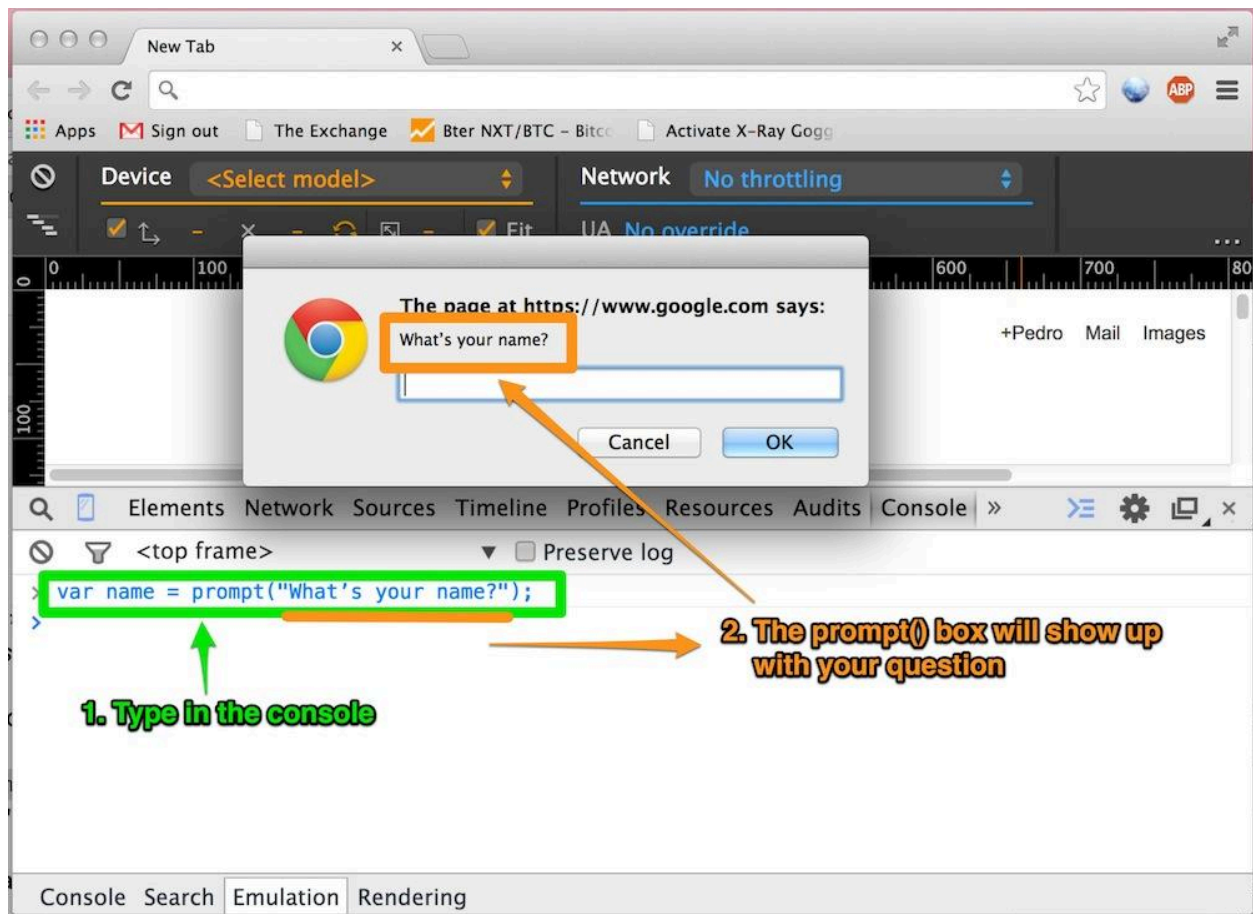
- Let's type the following in the console

```
var name = prompt("What's your name?");
```

prompt() is the function that allow us to ask question.

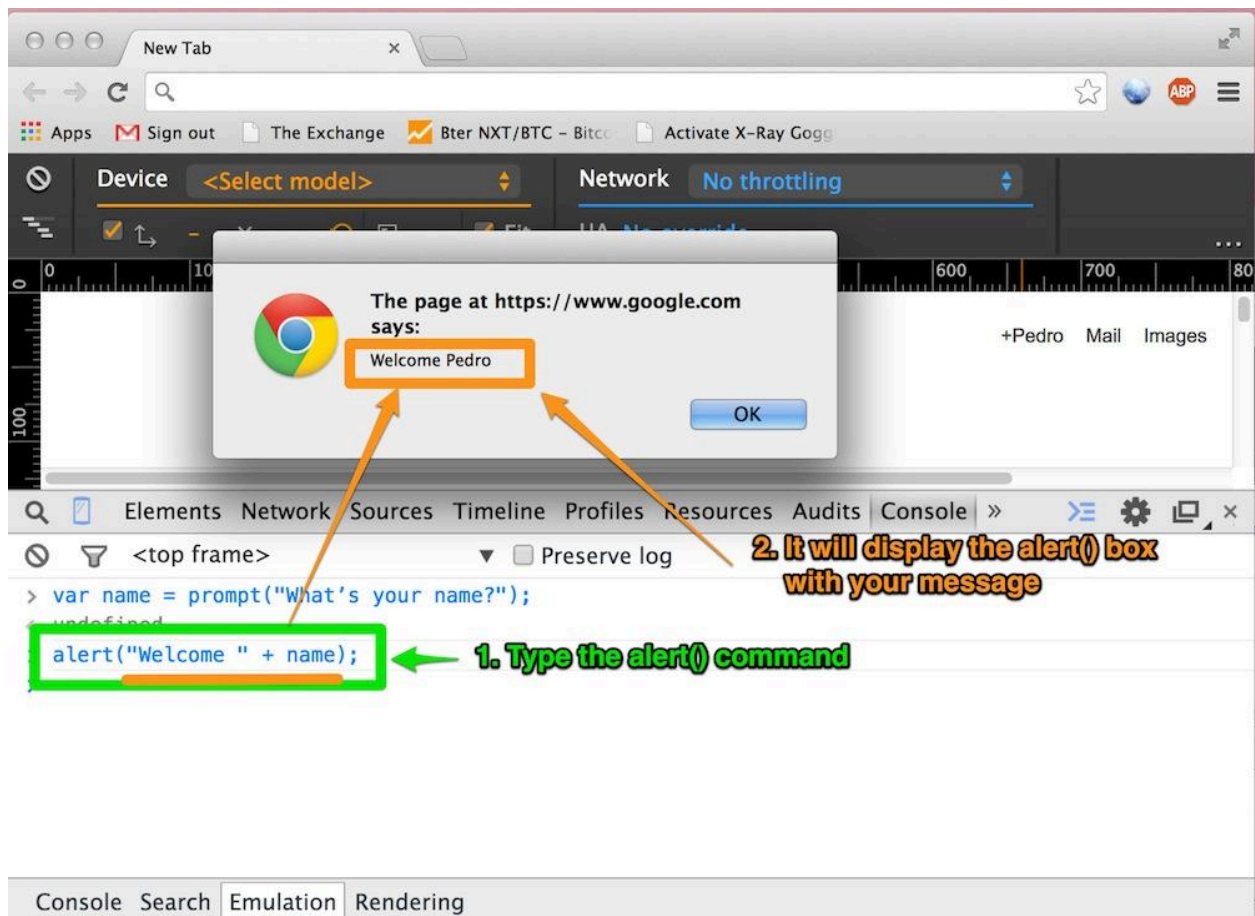The question will show up in the small **prompt** window.

- Let's continue typing the following in the console

```
alert("Welcome " + name);
```

alert() is the function that allow us to display a small window with our message.

The message will show up in the **alert** box.

- Let's create a new file called **askFavorite.html** in neocities using the <script> tag.
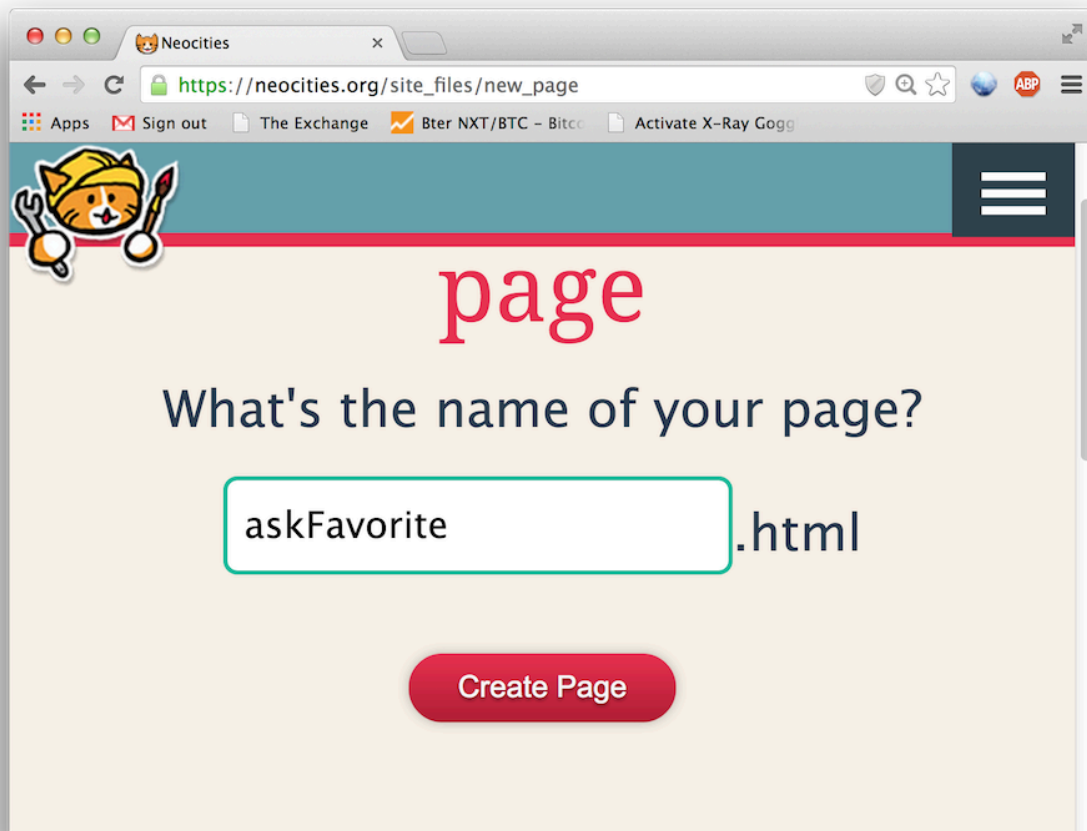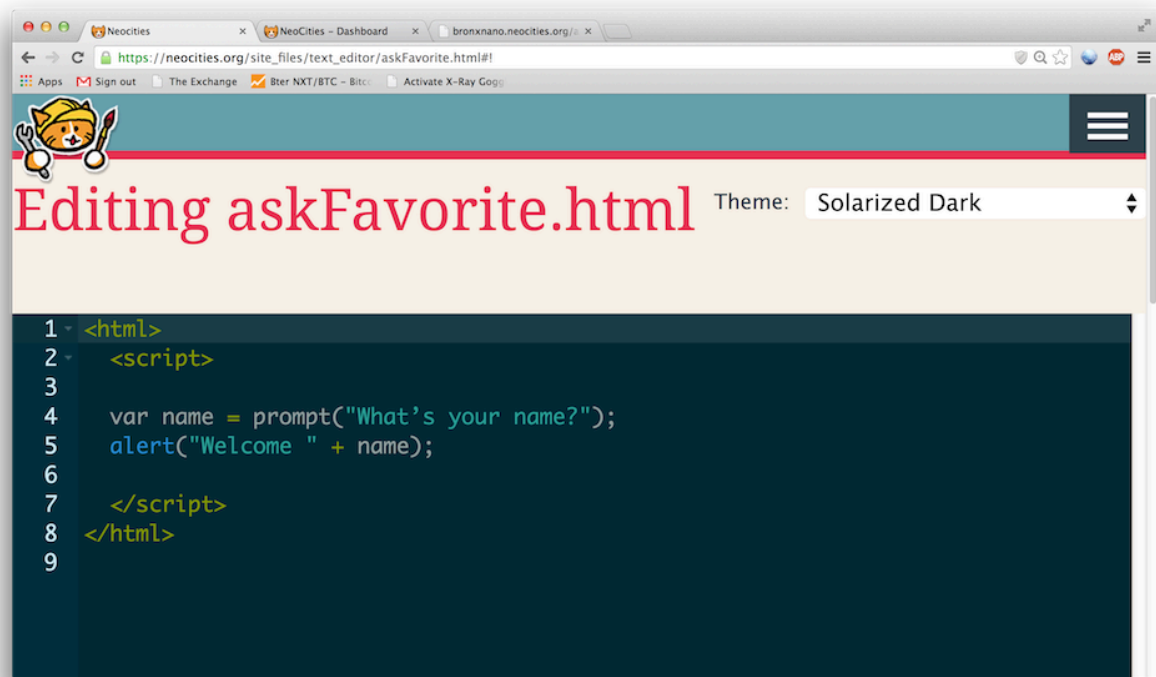

- Let's delete all the content and fill in with the following program.

```
<html>
  <script>

      var name = prompt("What's your name?");
      alert("Welcome " + name);

  </script>
</html>
```

- Save and refresh the page.

- Type the following after the last line: `alert("Welcome " + name);`

```
var favoriteFood = prompt("What's your favorite food?");
var favoriteGame = prompt("What's your favorite game?");

var sentence = name + " loves " +
        + favoriteFood + " and " +
        + favoriteGame;

alert(sentence);
```

- Save and refresh the page.

- Let's add few more sentences

```
var sentence1 = name + " loves eating " + favoriteFood;
var sentence2 = name + " loves playing " + favoriteGame;

alert(sentence1);
alert(sentence2);
```

- Add your own question and build a longer sentence.

    Example: add a question about your favorite celebrity.

    ```
    var favoritePerson = prompt("Who's your favorite celebrity?");

    var sentence = name + " loves "
                    + favoriteFood + ","
                    + favoriteGame + " and"
                    + favoritePerson;

    alert(sentence);
    ```

- What's wrong with the output? Can you fix it?

f) Your final askFavorites might look something like the following:

```
<html>
  <script>

      var name = prompt("What's your name?");
      alert("Welcome " + name);

      var favoriteFood = prompt("What's your favorite food?");
      var favoriteGame = prompt("What's your favorite game?");
      var favoritePerson = prompt("Who's your favorite celebrity?");

      var sentence = name + " loves "
                      + favoriteFood + ","
                      + favoriteGame + " and"
                      + favoritePerson;

      alert(sentence);

      var sentence1 = name + " loves eating " + favoriteFood;
      var sentence2 = name + " loves playing " + favoriteGame;

      alert(sentence1);
      alert(sentence2);

  </script>
</html>
```

```html
<html>
  <script>

    var name = prompt("What's your name?");
    alert("Welcome " + name);

    var favoriteFood = prompt("What's your favorite food?");
    var favoriteGame = prompt("What's your favorite game?");
    var favoritePerson = prompt("Who's your favorite celebrity?");

    var sentence = name + " loves "
                 + favoriteFood + ","
                 + favoriteGame + " and"
                 + favoritePerson;

    alert(sentence);

    var sentence1 = name + " loves eating " + favoriteFood;
    var sentence2 = name + " loves playing " + favoriteGame;

    alert(sentence1);
    alert(sentence2);

  </script>
</html>
```

- Let's make a link from your **index.html** to **askFavorite.html**, using the anchor tag:
<a href="askFavorite.html">