

Questions;

1. What is strongly typed language?
2. What is the difference between JavaScript and Java?
3. Write code to display an if statement in JS.
4. Write code to display a single comment.
5. Write out a detailed set of instructions to your friend Jess. (Separated in the PDF)
6. Write out pseudo code that plans how this application will work.

Answers;

1. Strongly typed language is a language that has stricter typing rules which affects declaration of variables and function calling. One must take extra care with capitalized letters in the correct places. Variables like "MyVariable" would be incorrect, however "myVariable" would not be.
2. JavaScript is a code language that run on browser and applications. Whilst Java creates applications that run a application or browser. As said by one of the teachers at Lynda.com **Java is to JavaScript what ham is to hamster.**
3.

```
var a = 1;
if (a == 1) {
    alert("if statement in JS.")
}
```
4.

```
//this is a comment
var a = 1;
if (a == 1) {
    alert("test")
}
```
5. Look further down in the PDF.
6. Look further down in the PDF.

Detailed set of instructions;

1. Start by turning on your computer.
2. Then open up any web-browser on your computer.
3. Then click the white bar/ search bar at the top of the browser or window.
4. Type this in the white bar/ search bar
http://physnix.com/ProgramingFoundations/MA2/Course_assignment.html
5. Then click the Play button (white square/ button in the window with "Play" in the middle of it) to play the latest podcast.

6. Then click the Pause button (white square/ button in the window with “Pause” in the middle of it) to pause the latest podcast.
7. Then click the Stop button (white square/ button in the window with “Stop” in the middle of it)
8. Then click the “X” in the top right corner when you want to close the browser/ window.
9. Then turn off your computer.

Pseudo code;

If button play is pressed

Then print play was pressed to console.

Else if button pause was pressed

Print button pause was pressed

Else

Print stop was pressed