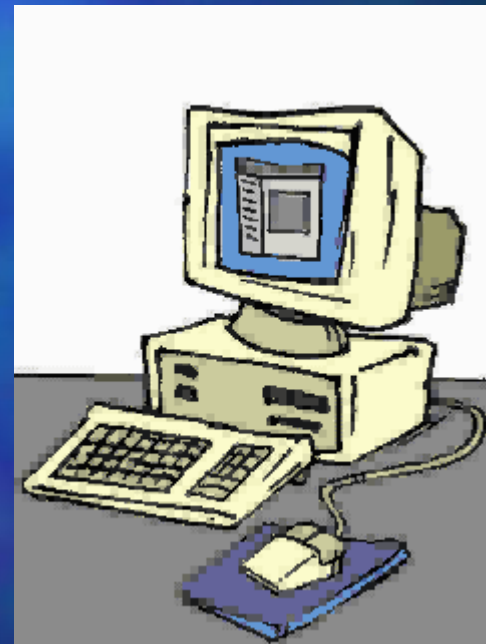


# *What is JavaScript?*

- JavaScript was developed by Netscape as a simple programming language used to make pages interactive.
- It was originally called LiveScript but was changed due to the popularity of Java.



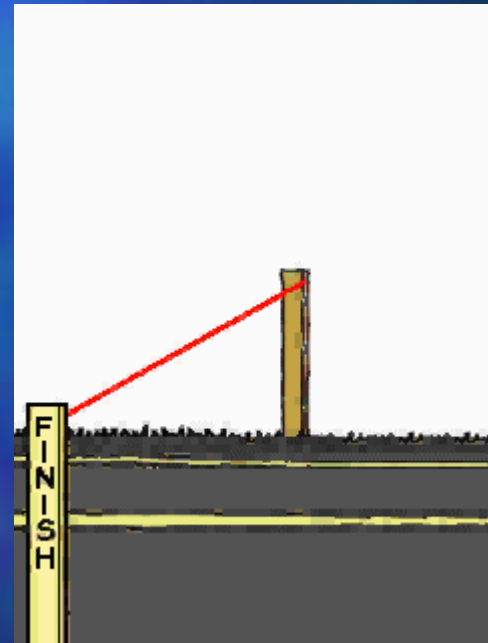
# Why learn JavaScript?



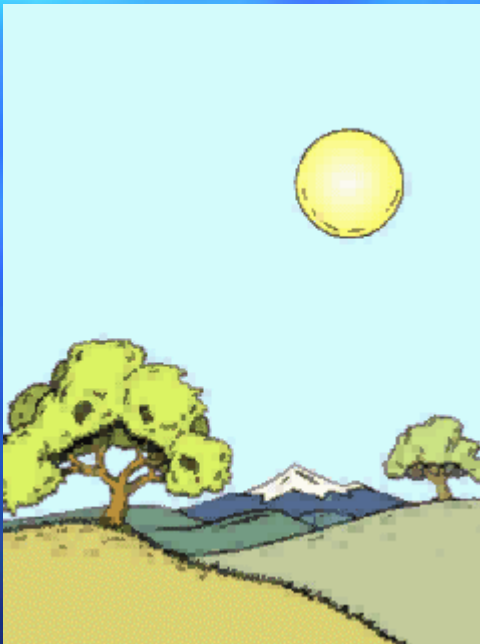
- A plain Web page, using just HTML, will be displayed by a browser exactly the same, every time the page is loaded. But by using JavaScript, you can make the page change every time. You can also make the images and text change when your mouse goes over them. This allows the user to interact.

# Thing you can do with JavaScript

- You can create pop-up boxes to provide crucial info to the user.
- Via a cookie, inform the user that the page has changed since last viewed.
- Create simple animation
- Invite user to pick the background for the page
- Make a shopping cart that says how much you have spend.
- Design polls and questionnaires.



# What Does JavaScript Look Like ?



- JavaScript is typed in a HTML document using the `<SCRIPT LANGUAGE="JavaScript1.2">` tag and closing with `</SCRIPT>` tag. It is typed between these tags.
- In JavaScript you use brackets instead of `<>`.
- First you type the method followed by the stuff you want to use.

# Starting JavaScript!

- Now start up a basic HTML(nothing fancy) document using Notepad.
- After that, start to type this in the body:
- `<FORM>`
- `<INPUT TYPE="button"`
- `VALUE="Click this button">`
- `</FORM>`
- This will create a basic HTML button.
- Now, for the JavaScript code: type this after the value tag :
- `onClick="alert('Hallo, you did click the button')">`
- Save the page and view it.

# Letting the user choose the background

- Now go under the form tag and type:
- `<FORM>`
- `<TABLE>`
- `<TR ALIGN=center>`
- `<TD>Blue<TD>Yellow<TD>Green`
- `<TR ALIGN=center>`
- `<TD> <input type="button"`
- `onClick="document.bgColor='blue'">`
- `<TD>`
- `<input type="button"`
- `onClick="document.bgColor='yellow'">`
- `<TD>`
- `<input type="button"`
- `onClick="document.bgColor='green'">`
- `</TABLE></FORM>`

# Dialogue Boxes

---

- To create a dialogue box type:
- `<SCRIPT>`
- `x=prompt("What is your name?", "");`
- `confirm("Did you say your name is "+x+"?");`
- `document.write("<P>Hello "+x+"!");`
- `</SCRIPT>`
- This will ask for your name name, ask if your is that and say hello what your name is.

# Rollover Images

- Everybody go onto Internet ,find 2 images and save them.
- Now go back to your document and type this in the head.
- `<SCRIPT>`
- `function ImgOver() {`
- `document.img1.src='image source code'} //EoFn`
- `function ImgOut() {`
- `document.img1src='image source code'} //EoFn`
- `</SCRIPT>`
- This will create an image that will change when your mouse goes over it. Save your work and view.

- Next type this in the body:
- `<FORM NAME="Form1">`
- `<B>Move over image to see new image.</B><BR>`
- `<A HREF="" onMouseOver="ImgOver()"`
- `onMouseOut="ImgOut()">`
- `<IMG NAME="img1" BORDER=0 SRC="image source code"></A>`

# End

---

10

- Today you have learn the basics of JavaScript and I hope that you will remember the things I taught you today. I hope you learned something and now understand a bit more. Goodbye and thank you for listening.v