

learning JavaScript

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JavaScript Data types and Variables

JavaScript Data types and Variables

```
<html>
<head><title>My Page</title></head>
<body>
<script type="text/javascript">
var yname= "Broun Jason"
document.write(yname)
</script>
```

declares a variable

assigns a value to it

This example declares a variable

assigns a value to it

and then displays the variable

```
</body>
</html>
```

JavaScript Data types and Variables

```
<html><head><title>My Page</title>
<script language="javascript">
function passvalue(){
var yname= "Broun Jason"
document.getElementById("wans").value = yname;
}
</script>
</head>
<body>
<form>
<input type="text" name="wans" id="wans" value = " " >
<input type="button" value="pass" onClick="passvalue();">
</form>
</body>
</html>
```

JavaScript Data types and Variables

```
<html><head><title>My Page</title>
<script language="javascript">
function passvalue(){
var valone = document.getElementById("wx").value;
document.getElementById("wans").value = valone;
}
</script>
</head>
<body>
<form>
<input type="text" name="wx" id="wx" value = " " >
<input type="button" value="pass" onClick="passvalue();">
<input type="text" name="wans" id="wans" value = " " >
</form>
</body>
</html>
```

JavaScript Data types and Variables

```
<html><head><title>My Page</title>
<script language="javascript">
function addNumbers(){
var valone = parseInt(document.getElementById("wx").value);
var valtwo = parseInt(document.getElementById("wy").value);
document.getElementById("wtotal").value = valone + valtwo;
}
</script>
</head>
<body>
<form>
<input type="text" name="wx" id="wx" value = " " >
<input type="text" name="wy" id="wy" value = " " >
<input type="button" value="Add" onClick="addNumbers();">
<input type="text" name="wtotal" id="wtotal" value = " " >

</form>
</body>
</html>
```

JavaScript Data types and Variables

```
<html><head><title>My Page</title>
<script language="javascript">
function subNumbers(){
var valone = parseInt(document.getElementById("wx").value);
var valtwo = parseInt(document.getElementById("wy").value);
document.getElementById("wtotal").value = valone - valtwo;
}
</script>
</head>
<body>
<form>
<input type="text" name="wx" id="wx" value = " " >
<input type="text" name="wy" id="wy" value = " " >
<input type="button" value="Sub"  onClick=" subNumbers ();">
<input type="text" name=" wtotal " id="wtotal" value = " " >

</form>
</body>
</html>
```

JavaScript Data types and Variables

$$V = U + a * t$$



JavaScript Data types and Variables

```
<html><head><title>My Page</title>
<script language="javascript">
function FindAns () {
var val_u = parseInt(document.getElementById("wu").value);
var val_a = parseInt(document.getElementById("wa").value);
var val_t = parseInt(document.getElementById("wt").value);
document.getElementById("wv").value = val_u + (val_a * val_t);
}
</script>
</head>
<body>
<form>
U<input type="text" name="wu" id="wu" value = " " ><br>
A<input type="text" name="wa" id="wa" value = " " ><br>
T<input type="text" name="wt" id="wt" value = " " ><br>
<input type="button" value="Sub" onClick=" FindAns ();"><br>
V<input type="text" name="wv" id="wv" value = " " ><br>
</form>
</body>
</html>
```


JavaScript Data types and Variables

$$S = u * t + a * t * t / 2$$



JavaScript Data types and Variables

```
<html><head><title>My Page</title>
<script language="javascript">
function FindAns () {
var val_u = parseInt(document.getElementById("wu").value);
var val_a = parseInt(document.getElementById("wa").value);
var val_t = parseInt(document.getElementById("wt").value);
document.getElementById("wv").value = val_u * val_t + (val_a * val_t *val_t/2);
}
</script>
</head>
<body>
<form>
U<input type="text" name="wu" id="wu" value = " " ><br>
A<input type="text" name="wa" id="wa" value = " " ><br>
T<input type="text" name="wt" id="wt" value = " " ><br>
<input type="button" value="Sub" onClick=" FindAns ();"><br>
S<input type="text" name="wv" id="wv" value = " " ><br>
</form>
</body>
</html>
```