

## Java Script Programming Assignments Page 2

Go to the following web page to learn about java script and to answer the following questions:

[http://www.w3schools.com/js/js\\_howto.asp](http://www.w3schools.com/js/js_howto.asp)

### Question 5 : Alert Boxes

Write a java script that will produce the following output:

a) an alert box that says “Welcome to St. Charles College” once it is selected.

b) an alert box that says the following:

“Welcome to SCC!  
The best School in the Land  
Oikadee Choike!”

c) a confirmation statement that either says “SCC is the Best, Thanks for pressing the button” or “Why didn’t you press the button?”

### Question 6 : Functions

Read over the code found at this web page:

[http://www.w3schools.com/js/tryit.asp?filename=tryjs\\_function\\_return](http://www.w3schools.com/js/tryit.asp?filename=tryjs_function_return)

Write a java script that will use the function command and the function name “divisor”  
The command should divide two given numbers and print out the statement :

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“The script in the body section calls a function with two parameters (10 and 2).  
The function will return the result of dividing these two parameters.”

### Question 7 : Loops

Create the java script code that uses a loop to create the following output:

2 x 0 = 0  
2 x 1 = 2  
2 x 2 = 4  
2 x 3 = 6  
2 x 4 = 8  
2 x 5 = 10  
2 x 6 = 12  
2 x 7 = 14  
2 x 8 = 16  
2 x 9 = 18  
2 x 10 = 20

### Question 8 : While Loop

Create the java script code that uses the “While Loop” statement to create the following:

Asks for a value with a prompt box and then prints out the statement

The number is 0,  
The number is 1,  
The number is 2 ...

up to the number that was typed into the prompt box.

### Question 9 : Break

Create the java script code that uses the “break” statement to create the following:

Ask a user to input their favourite number from 1-100  
So let's say the person inputs 13,  
Then lets have the program create the following.

My favourite number is not 1,  
My favourite number is not 2,  
My favourite number is not 3,  
My favourite number is not 4,  
My favourite number is not 5,  
My favourite number is not 6,  
My favourite number is not 7,  
My favourite number is not 8,  
My favourite number is 9.

### Question 10 : Continue

Create the java script code that uses the “Continue” statement to create a work schedule, that asks the the user to input the day they don't work, and prints out only those days that they do work.

The Output should look like the following:

Sunday = 1, Monday = 2, Tuesday = 3, Wednesday = 4, Thursday =5, Friday = 6 and Saturday = 7

I have to work on 1  
I have to work on 3  
I have to work on 4  
I have to work on 5  
I have to work on 6  
I have to work on 7