Scripting Midterm Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Create a code snippet to create a student object and display two properties that describe the student.
2. Create a code snippet that shows 3 different ways to create arrays.
3. Match
4. this \_\_\_\_ gets the data type of its operand
5. prompt box \_\_\_\_ allows the variable to be reassigned, such as a counter in a loop
6. Typeof \_\_\_\_ allows for user input
7. Var \_\_\_\_ "This is a \"JS\" Script"
8. Let \_\_\_\_refers to the object it belongs to with values depending on where it is used.
9. escaping \_\_\_\_ declare a variable and, optionally, we can initialize the value of that variable

### 5. List out the different ways an HTML element can be accessed in a JavaScript code.

### ****What would be the result of 2+5+”3″?****

1. **What will be the output of the following code?**

|  |  |
| --- | --- |
|  | var Output = (function(x)  {  Delete X;  return X;  }  )(0);  document.write(output); |

1. Write a Javascript program that asks the user for their favorite movie villain and displays an image of that villain. Since there are almost an infinite amount of villains, pick your top 3 favorites and if the user doesn’t pick one of those, display the image of a fourth villain and tell them that’s what they get. Finally, have the script keep working until the user indicates they want to stop.
2. Write a Javascript program that provides a simple restaurant menu with 2 appetizers, 2 main dishes and 2 desserts. Prices should be listed for each item. Place a button for ordering next to each item. Your code should provide a total for all items selected.
3. Write a Javascript program that takes radio button options for the online order of a new car’s color (red, green or blue) as well as the radio button option for a new car make (to make life easier your dealership sells onlytwo makes only such as Lexus and Benz) and then displays a picture of that car make with the selected color along with an appropriate message such as “This is your order”. You will need six images for this program.