1. **Determine what this Javascript code will print out (without running it):**

Answer: 10,8,8,9,10, 1

1. **What is the difference between a method and function?**

Answer: A method is a set of instructions (in an object-oriented programming language) to perform a specific task associated with an object, but the function does the same, but is not associated with any object.

1. **What does 'this' refer to when used in a Java method?**

Answer: This refers to the current object. It is typically used to distinguish between the attributes of a class and the attributes of its methods.

1. **What does 'this' refer to when used in a JavaScript method?**

Answer: This refers to the owner of the method.

1. **What does 'this' refer to when used in a JavaScript constructor function?**

Answer: this is a JavaScript constructor function that points to the newly created object..

1. **Assume object x is the prototype for object y in Javascript. Object x has a method f( ) containing keyword 'this'. When f is called by x.f( ), what does 'this' refer to?**

Answer: this refers to the current object which is x

1. **What is a free variable in Javascript?**

Answer: Is a variable that is used inside a function but not declared in the function.

1. **Create an object that has properties with name = "fred" and major="music" and a property that is a function that takes 2 numbers and returns the smallest of the two, or the square of the two if they are equal.Ans:**

A screenshot of a computer

Description automatically generated with medium confidence

1. **Write Javascript code for creating three Employee objects using the "new" keyword and a constructor function. Employee objects** **have the following fields: name, salary, position.Ans:**

A screenshot of a computer

Description automatically generated with medium confidence

1. **Writa aJavascript function that takes any number of inputarguments and returns the product of the arguments.**

A screenshot of a computer

Description automatically generated with medium confidence

1. **Write an arrow function that returns the maximum of its three input arguments.**

A screenshot of a computer

Description automatically generated with medium confidence