***Why is JavaScript referred as an imperative language?***

***Why is JavaScript referred as high-level programming language?***

***Why is JavaScript referred as a dynamic language?***

***Why is JavaScript referred as an untyped language?***

***Why is JavaScript referred as an interpreted language?***

***What is the significance, and what are the benefits, of including 'use strict' at the beginning of a JavaScript source file?***

***Operator Precedence***

*function average(a, b) {*

*return a + b / 2;*

*}*

*console.log(average(2, 1));*

***Ans : 2.5***

***[Does JavaScript pass parameter by value or by reference?](http://www.thatjsdude.com/interview/js2.html" \l "byValueByRef)***

***Ans : Pass by value only***

***Predict and Explain the Output***

function f(a,b,c) {

m=["1","2","3"];

a = 3;

b[0]= "X";

c.first = false;

}

var x = 4;

var y = ["A", "B", "C"];

var z = {first: true};

f(x,y,z);

console.log(x, y, z);

function g(a){

a={first: true};

console.log(a);

}

g(z);

console.log(z);

***Ans :***

***4 [“A”,”B”,”C”] { first: false }***

***{first:true}***

***{first:false}***

***What is the difference between “undefined” and “not defined” in JavaScript?***

***What will be the output? Explain it.***

*function foo1()*

*{*

*return {*

*bar: "hello"*

*};*

*}*

*function foo2()*

*{*

*return*

*{*

*bar: "hello"*

*};*

*}*

*console.log(foo1());*

*console.log(foo2());*

Ans : { bar : “hello” }

undefined

***What will be the output? Also explain it.***

(function() {

console.log(1);

setTimeout(function(){console.log(2)}, 1000);

setTimeout(function(){console.log(3)}, 0);

console.log(4);

})();

**Ans :**

**1**

**4**

**3**

**2**

***Complete the code to compute and print the sum of two numbers without modifying the function definition and invocation:***

function sum(x) {

console.log();

}

sum(3,4);

**Ans:**

***Predict the output and explain.***

for (var i = 0; i < 5; i++) {

(function(x) {

setTimeout(function() { console.log(x); }, 1000 );

})(i);

}

**Ans:**

**0**

**1**

**2**

**3**

**4**

***What will be the output? Explain***

var x= 5;

function check(){

y = 10;

console.log(x);

var x =10;

}

function check2(){

console.log(y);

}

check();

check2();

**Ans:**

**undefined**

**10**

***How can you empty the following array?***

var arrayList = ['a','b','c','d','e','f'];

**Ans : arrayList.splice(0, arrayList.length);**

**Question:** What is typeof []

**Answer:** object

**Question:** What is typeof arguments

**Answer:** object

**Question:** What is 2+true

**Answer:** 3

**Question:** What is '6'+9

**Answer:** 69

**Question:** What is the value of 4+3+2+"1"

**Answer:**  91

**Question:** What is the value of "1"+2+4

**Answer:** 124

**Question:** What is the value of -'34'+10

**Answer:** -24

**Question:** What is the value of +'dude'

**Answer:** Nan

**Question:** If you have var y = 1, x = y = typeof x; What is the value of x?

**Answer:** Undefined

**Question:** for var a = (2, 3, 5); what is the value of a?

**Answer:**  5

**Question:** for var a = (1, 5 - 1) \* 2 what is the value of a?

**Answer: 8**

**Question:** What is the value of !'bang'

**Answer:** false

**Question:** What is the value of parseFloat('12.3.4')

**Answer:** 12.3

**Question:** What is the value of Math.max([2,3,4,5]);

**Answer:** Nan

**Question: What is the output of** 3 instanceof Number

**Answer:** false

**Question: What is the output of** null == undefined

**Answer:** true

**Question:**What is the value of !!function(){};

**Answer:** true

**Question:** What is the value of typeof bar

**Answer:** undefined

**Question:** What is the value of typeof null

**Answer:** object

**Question:** If var a = 2, b =3 what would be value of a && b

**Answer:** 3

**Question:** What would be consoled var foo = 'outside'; function logIt(){console.log(foo); var foo = 'inside';} logIt();

**Answer:** undefined

**Question:** What is -5%2

**Answer: -1**

**Question:** Why .1+.2 != .3

**Answer: true**

**Question:**What is the output of **42..toString()**

**Anwser:** error

**Question:** What is the output of4.2..toString

**Anwser:** error

**Question:** What is the output of42 . toString()

**Anwser:** 42

**Question:** What is the output of typeof(NaN)

**Anwser:number**

**Question:** What is the output of 2 in [1,2]

**Anwser:**  false