**Variable Mutation and Coercion**

/\*var name = 'mohan';

console.log(name);

var age = 26;

console.log(age);

console.log(name + age);//Type Coercion

console.log(age + age);

var job = 'teacher';

isMarried = false;

console.log(name + 'is a ' + age + 'years old ' + job + '.is Married?' + isMarried + '.');

age = 'thirty six';//Variable Mutation

job = 'principal';

console.log(name + 'is a ' + age + 'years old ' + job + '.is Married?' + isMarried + '.');\*/

**Operator Precedence**

/\*var birthYear = 1991;

console.log(birthYear);

birthYear = 1991 - 28\*2;

console.log(birthYear);

var now = 2016;

birthYear = now - 26\*2;

console.log(birthYear);

//Assignment

var ageJohn = 3;

var ageMark = 30;

ageJohn = ageMark = 35;

console.log(ageJohn);\*/

**Prompt**

/\*var lastName = prompt('What is the Last Name?');

console.log(lastName);

**Alert**

alert(name + 'is a ' + age + 'years old ' + job + '.is Married?' + isMarried + '.')\*/

**Conditional Statements**

/\*var name = 'John';

var age = 26;

var isMarried = 'no';

if(isMarried === 'Yes')

console.log(name + 'isMarried');

else

console.log(name + 'Will hopefully marry soon');\*/

/\*isMarried = false;

if(isMarried)

console.log('hi');

else

console.log('hello');\*/

**Differences b/w == and ===**

/\*if(23 === '23') //Doesnot Supports Type Coercion

console.log('hello');

else

console.log('hi');\*/

**Switch Statement**

/\*var job;

job = prompt('What does John do?')

switch(job){

case 'teacher':

console.log('teaches');

break;

case 'driver':

console.log('drives');

break;

default:

console.log('Invalid');

}\*/

**Functions**

function calculateAge(yearofbirth)

{

var age = 2016 - yearofbirth

return age;

}

var ageJohn = calculateAge(1990);

console.log(ageJohn);

function yearUntilRetirement(name, yearofbirth)

{

var age = calculateAge(yearofbirth);

var retirement = 65 - age;

console.log(retirement);

}

yearUntilRetirement('John',1990)

**Arrays**

/\*var names = ['John', 'Jane', 'Mark'];

var years = new Array(1990, 1968, 1948);

console.log(names);

console.log(years);\*/

var john = ['john', 'smith', 1990, 'teacher', false];

console.log(john);

console.log(john[1]);

john[1] = 'mohan';

console.log(john);

john.push('blue');//Last Position

console.log(john);

john.unshift('kumar');//First Position

console.log(john);

john.pop();//Delete Last Element

console.log(john);

john.shift();//Delete First Element

console.log(john);

alert(john.indexOf('mohan'));//Displays Index Position