

3 PILLAR GLOBAL ASSIGNMENTS

Shruti Verma

JAVASCRIPT ASSIGNMENT

Day: 07

Level: 01

1.

```
Function fullName(){  
    Console.log("Shruti Verma");  
}
```
2.

```
Let firstName = "Shruti";  
Let lastName = "Verma";  
Function fullName(firstName, lastName){  
    Console.log(firstName + lastName);  
}
```
3.

```
Function addnumbers(num1, num2){  
    Console.log(num1 + num2);  
}
```
4.

```
Function area(length, height){  
    Console.log(length * height);  
}
```
5.

```
Function perimeter(length, width){  
    Console.log(2 * length * width);  
}
```

6. Function swap(x, y){
 Var temp = y;
 Y = x;
 X = temp;

}

7. Function reverseArray(arr){
 Var arr = [];
 For(int i = reverArray.length - 1; i <=0; i--){
 arr.push(i);

 }

 Return arr;

}

8. Function evenOdds(num){
 var even = 0;
 var odd = 0;
 For(var l = 0; l < num; i++){
 If(l % 2 == 0){
 Even++:
 } else{
 Odd++;
 }
 }

}

9. Function density(mass, volume){
 Var result = mass/volume;
 Return result;

}

10. Function speed(dist, time){
 Var result = dist / time;
 Rerurn result;

}

11. Function weight(mass){
 Var gravity = 9.8;
 Var result = mass * gravity;
 Return result;
}
12. Function celsiusToFahrenheit(temp){
 Var newTemp = (temp * 9/5) + 32;
 Return newTemp;
}
13. Function checkSeason(month){
 If(month == "September" || month == "November" || month == "October"){
 Console.log("The season is Autumn");
 } else if (month == "December" || month == "January" || month == "February"){
 Console.log("The season is winter");
 } else if (month == "March" || month == "April" || month == "May"){
 Console.log("The season is Spring");
 } else {
 Concole.log("The season is summer");
 }
}
14. Function returnMax(a, b, c){
 Var result = Math.max(Math.max(a, b), c);
 Return result;
}

Level: 02

1. Function printArray(arr){
 For(var I = 0; I < arr.length; i++){
 Console.log(arr[i]);
 }
}
2. Function swap(x, y){
 Var temp = y;
 Y = x;
 X = temp;
}
3. Function reverseArray(arr){
 Var newArr = [];
 For(I = arr.length - 1; I >= 0; I++){
 newArr.push(arr[I]);
 }
}
4. Function capitalizeArray(arr){
 For(var I = 0; I < arr.length; i++){
 Console.log(arr[i].toUpperCase);
 }
}
5. Function addItem(item, arr){
 Arr.push[item];
 Console.log(arr);
}
6. Function addNumbers(num){
 Var sum = 0;
 For(var I = 0; I <= num; i++){
 Sum += I;
 }

```
        Return sum;
    }
}
```

```
7. Function sumOdds(num){
    Var sum = 0;
    For(var i = 0; i <= num; i++){
        If(i % 2 != 0){
            Sum += i;
        }
    }
}
```

```
8. Function evenOdds(num){
    var even = 0;
    var odd = 0;
    For( var i = 0; i < num; i++){
        If( i % 2 == 0){
            Even++;
        } else{
            Odd++;
        }
    }
}
```