

Experiment no 07

Code:

```
//Append an Object to an Array
console.log("Append an Object to an Array");
//Using push()
console.log("Push()");
function insertObject(arr,obj){
    arr.push(obj);
    console.log(arr);
}
let array=[1,2,3];
let object={x:12,y:8};
insertObject(array,object);
```

```
//Using Array.splice()
console.log("Using Array.splice()");
function insertObject_2(arr,obj){
    let index=arr.length;
    arr.splice(index,0,obj);
    console.log(arr);
}
```

```
let arr=[1,2,3];
let obj={x:12,y:8};
insertObject_2(arr,obj);
```

```
//Using Spread Operator
console.log("Using Spread Operator");
function insertObject_3(arr,obj){
    arr=[...arr,obj];
    console.log(arr);
}
let a=[1,2,3];
let o={x:12,y:8};
insertObject_3(a,o);
```

Output:

```
PS D:\College_JavaScript_Practical> node
"d:\College_JavaScript_Practical\Experiment_7.js"
Append an Object to an Array
Push()
[ 1, 2, 3, { x: 12, y: 8 } ]
Using Array.splice()
[ 1, 2, 3, { x: 12, y: 8 } ]
Using Spread Operator
[ 1, 2, 3, { x: 12, y: 8 } ]
```