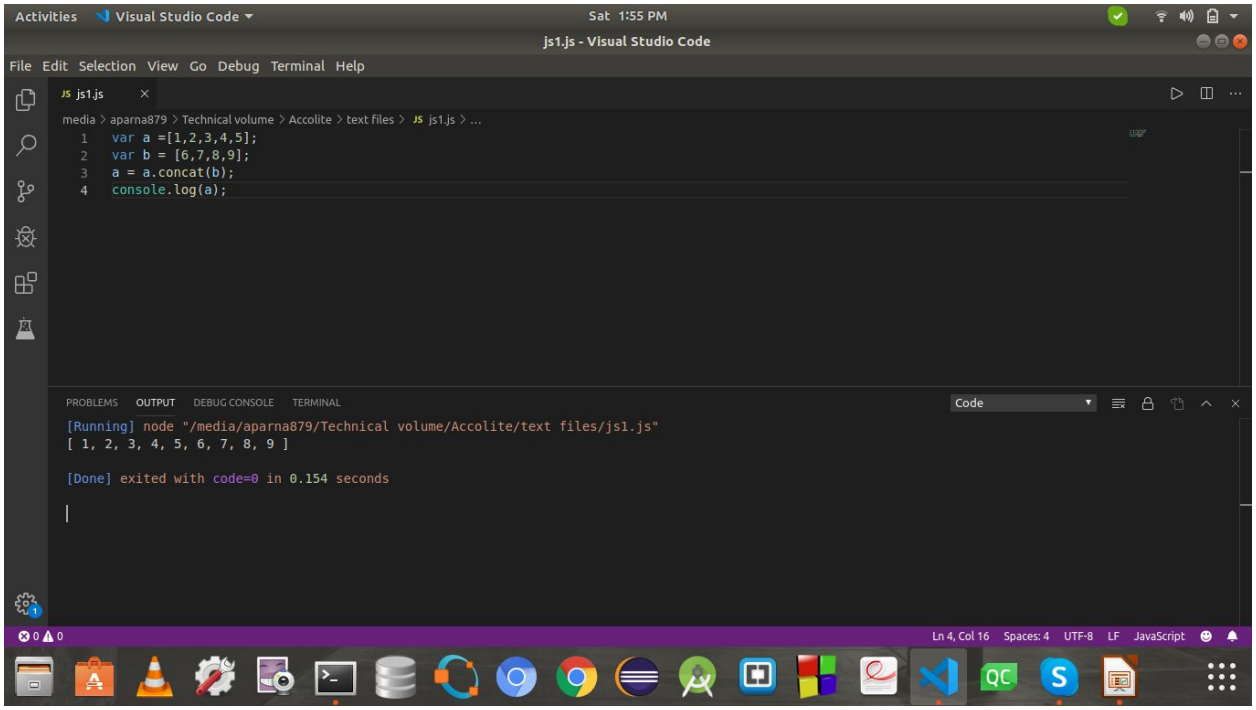
JAVASCRIPT ASSIGNMENT 1

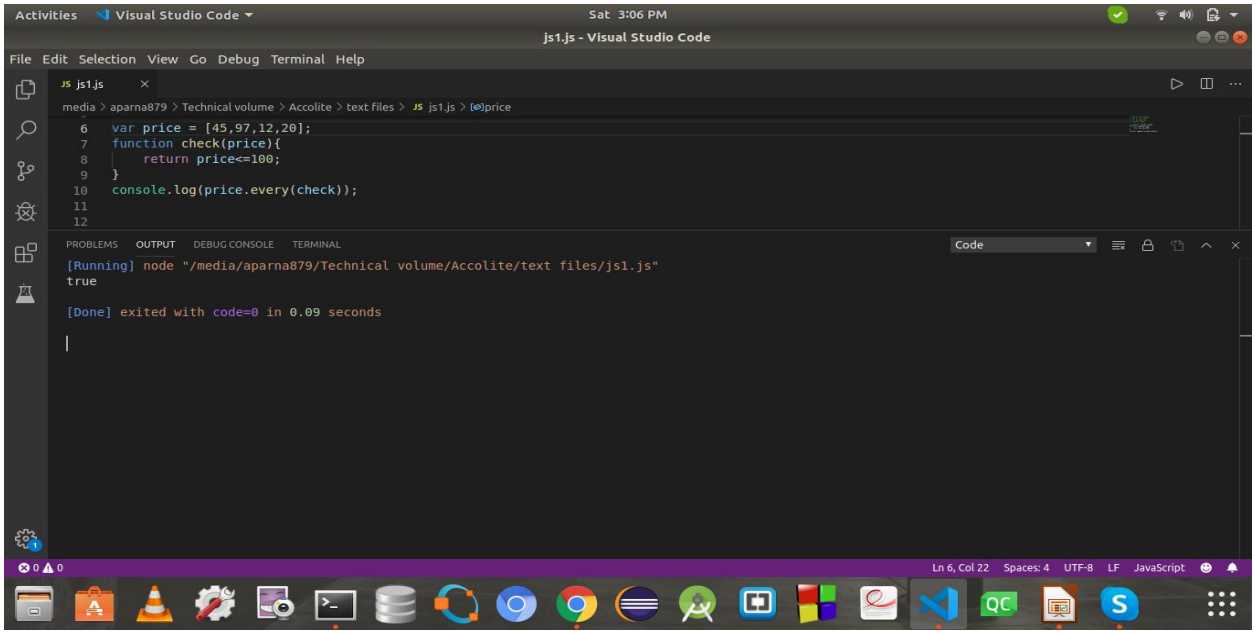
1. concat()

```
var a =[1,2,3,4,5];
var b = [6,7,8,9];
a = a.concat(b);
console.log(a);
```



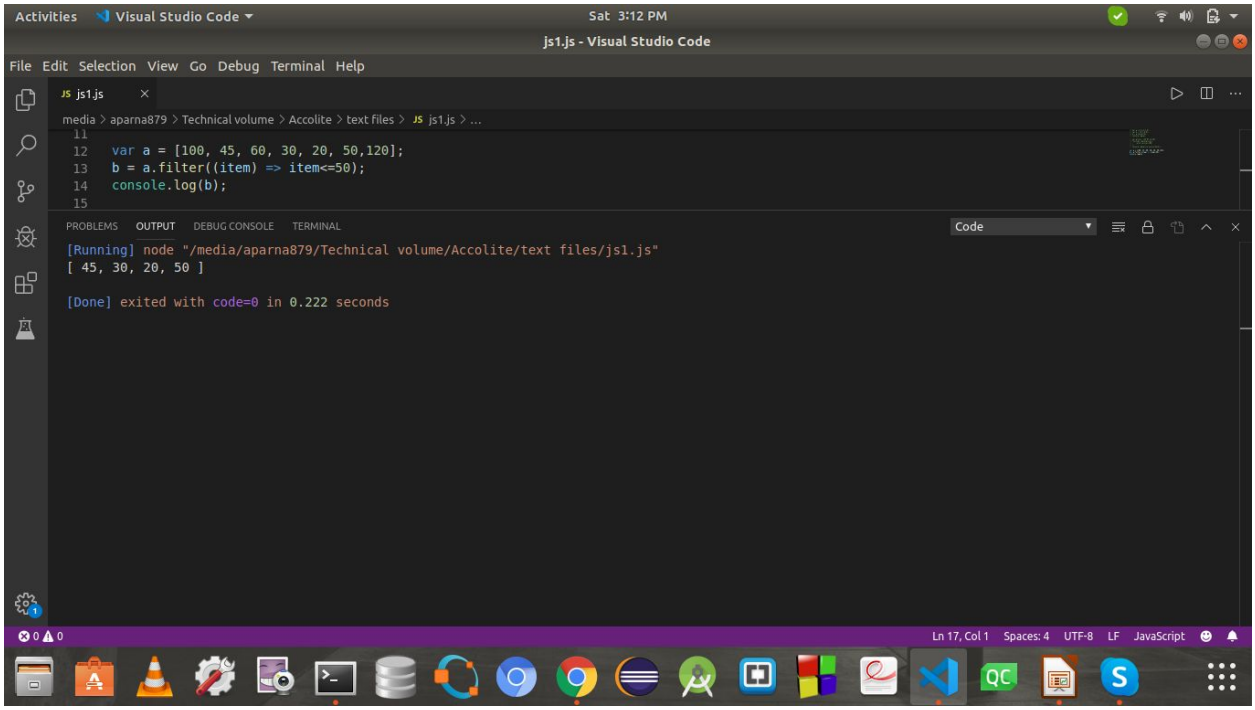
2. every()

```
var price = [45,97,12,20];
function check(price){
   return price<=100;
}
console.log(price.every(check));
```



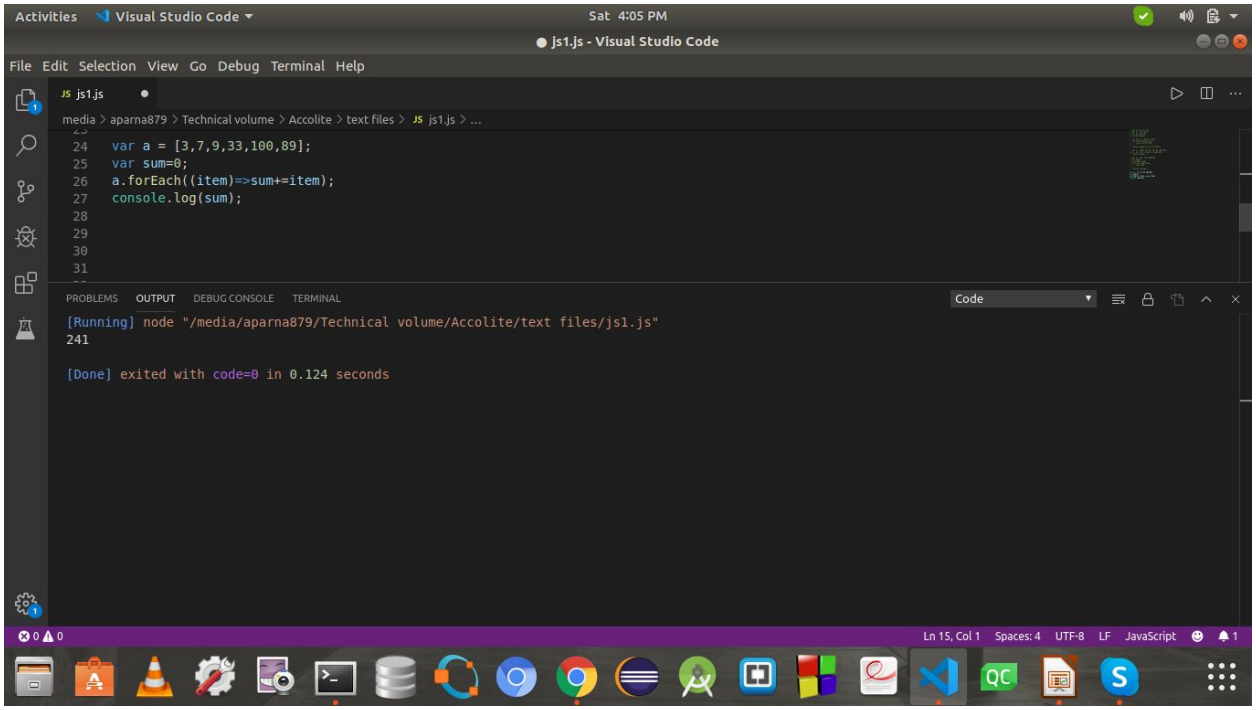
3. filter()

```
var a = [100, 45, 60, 30, 20, 50,120];
b = a.filter((item) => item<=50);
console.log(b);
```



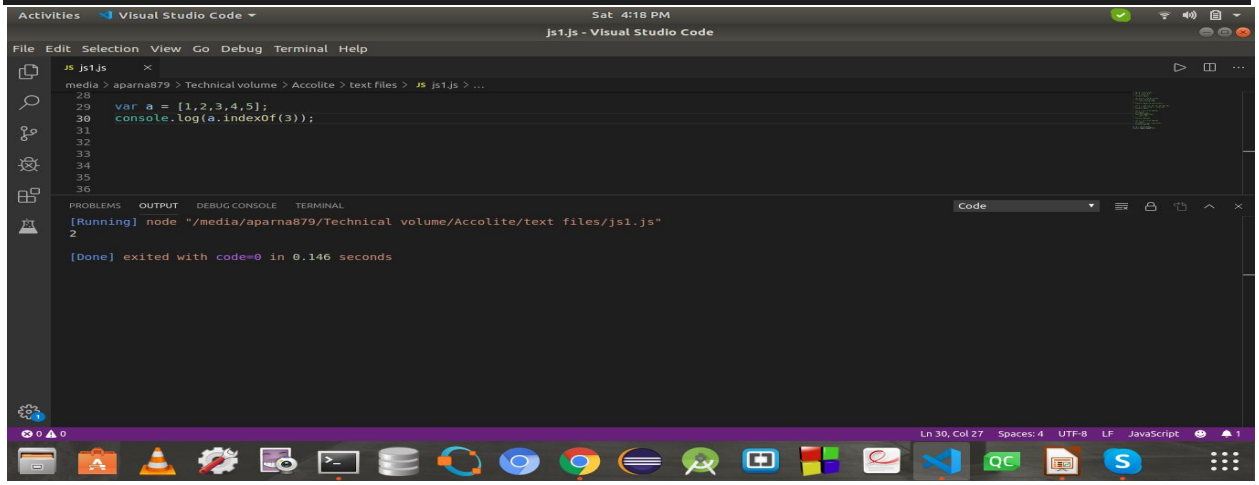
4. forEach()

```
var a = [3,7,9,33,100,89];
var sum=0;
a.forEach((item)=>sum+=item);
console.log(sum);
```



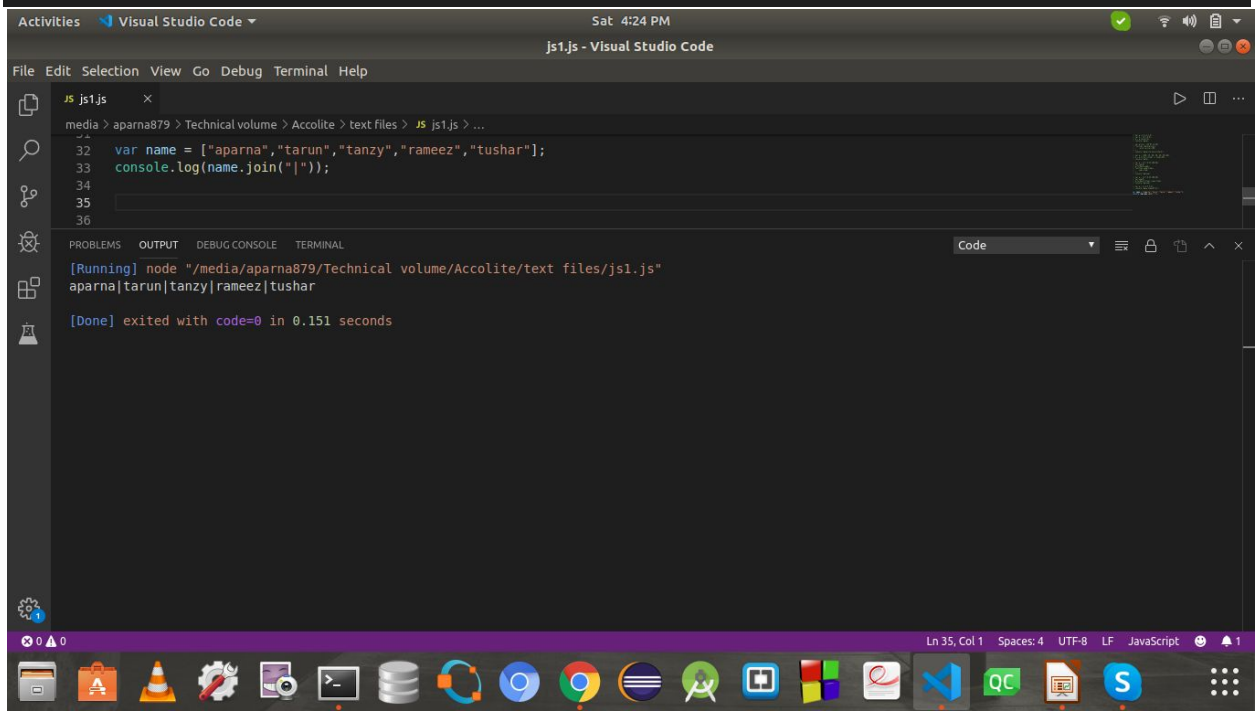
5. indexOf()

```
var a = [1,2,3,4,5];
console.log(a.indexOf(3));
```



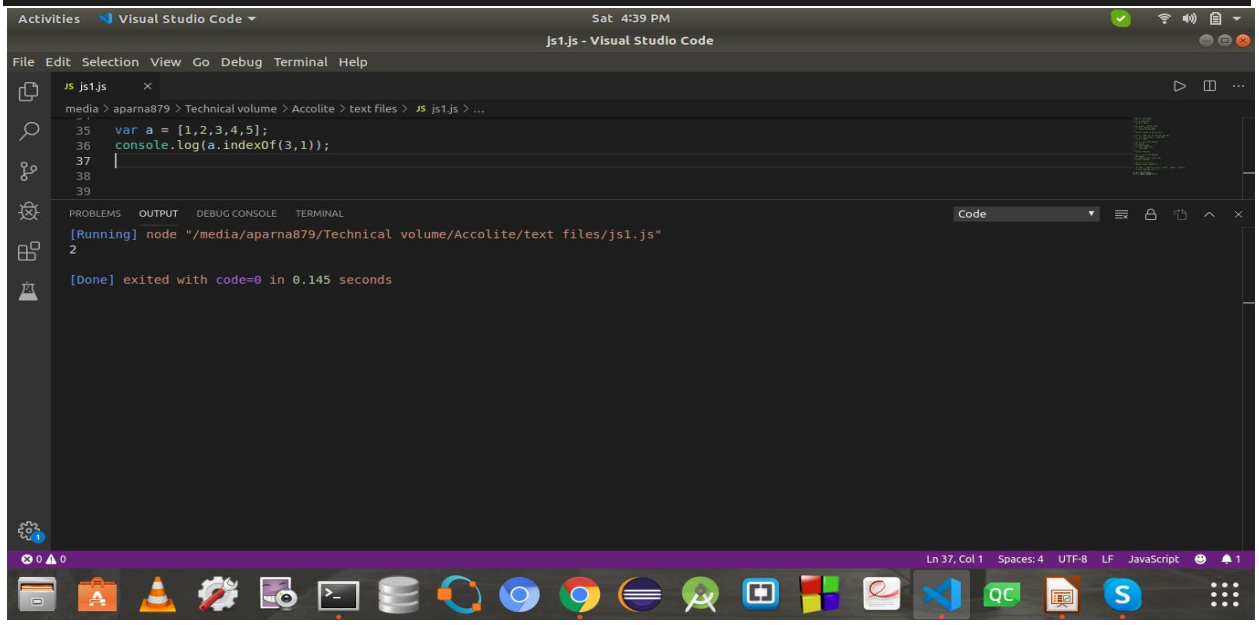
6. join()

```
var name = ["aparna","tarun","tanzy","rameez","tushar"];
console.log(name.join("|"));
```



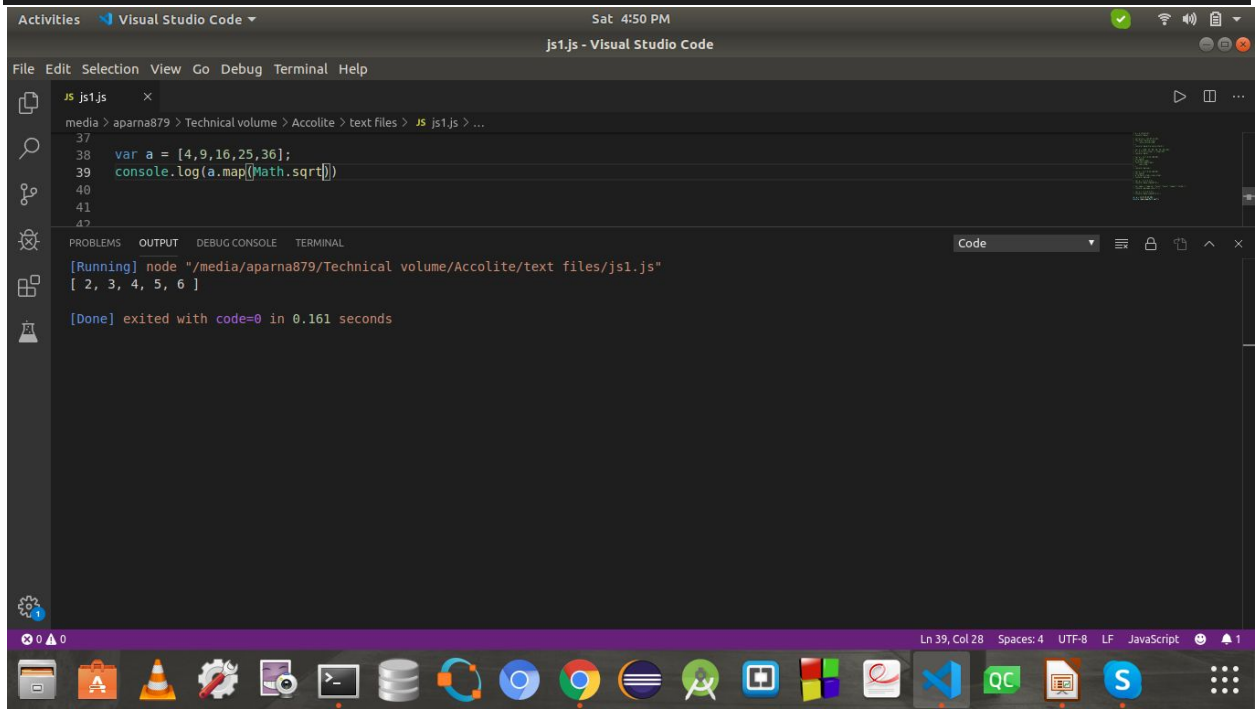
7. lastIndexof()

```
var a = [1,2,3,4,5];
console.log(a.indexOf(3,1));
```



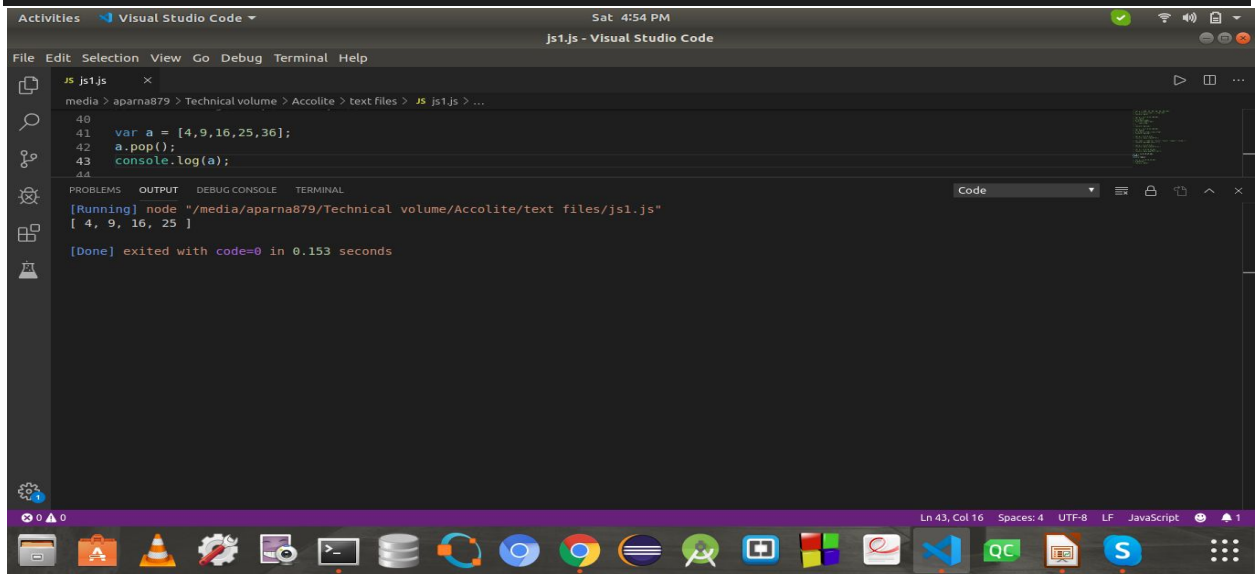
8. map()

```
var a = [4,9,16,25,36];
console.log(a.map(Math.sqrt))
```



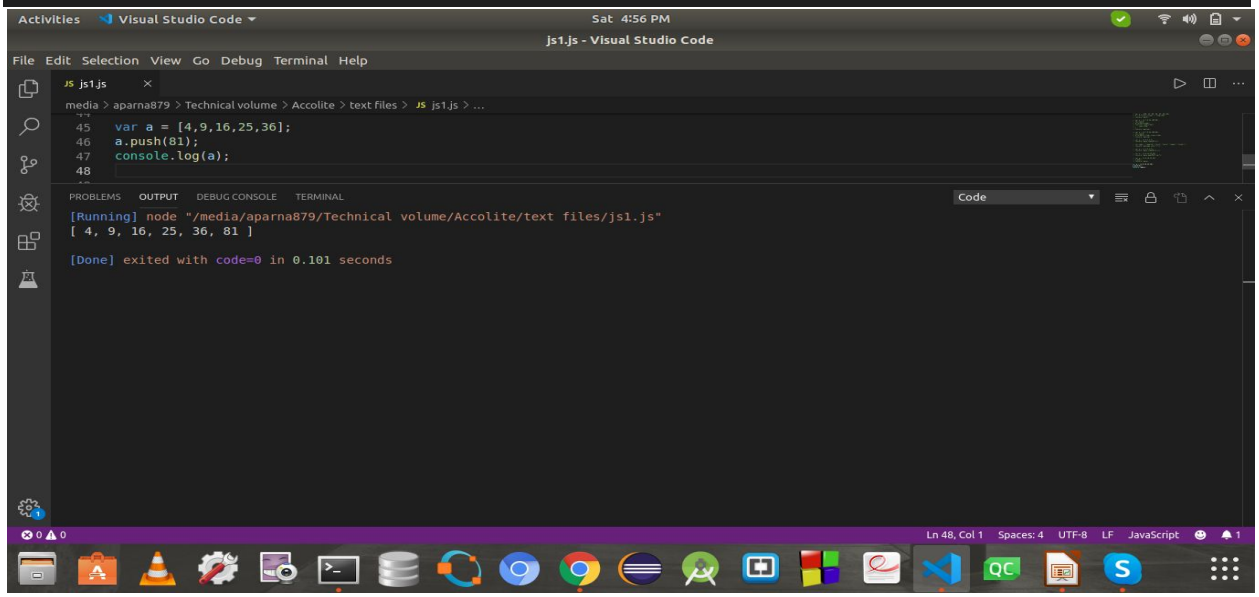
9. pop()

```
var a = [4,9,16,25,36];
a.pop();
console.log(a);
```



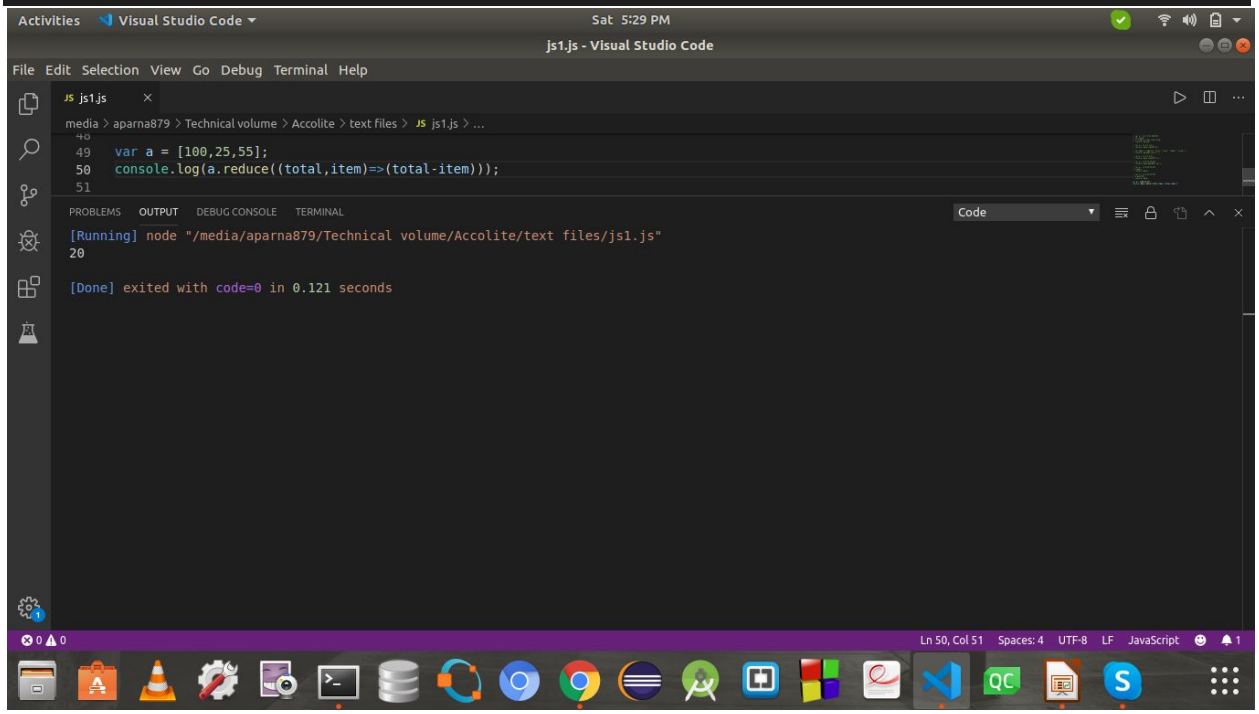
10. push()

```
var a = [4,9,16,25,36];
a.push(81);
console.log(a);
```



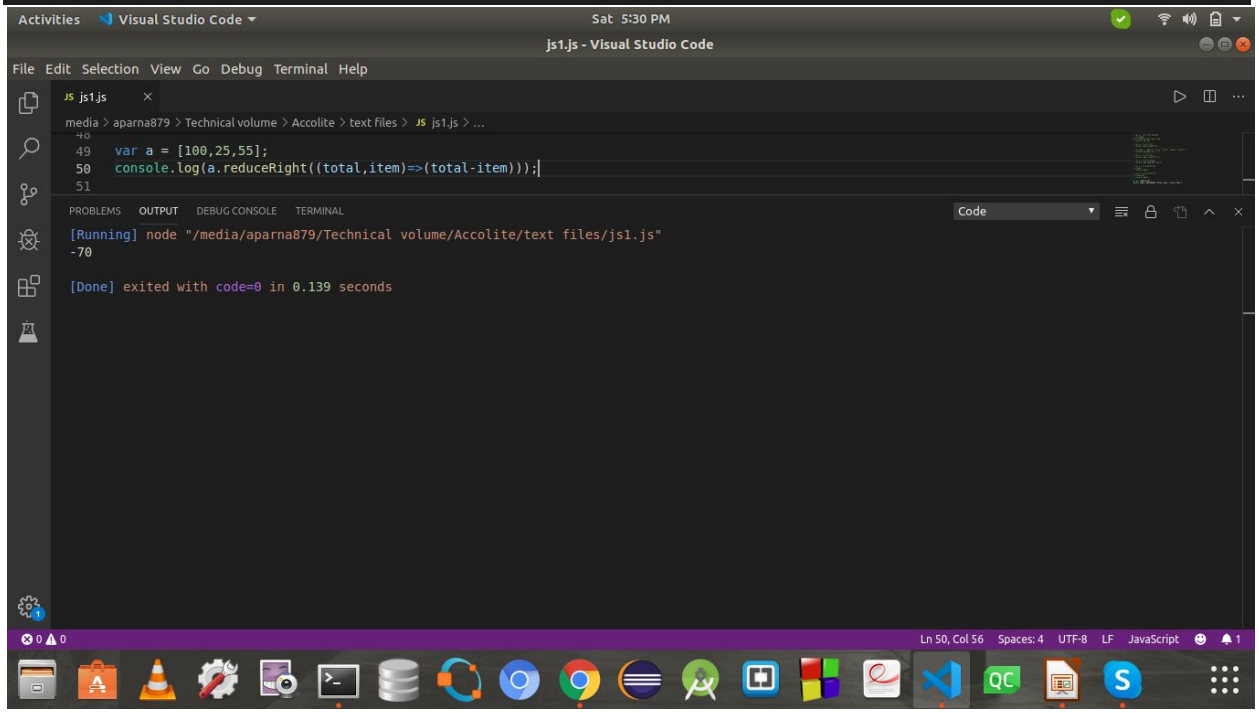
11. reduce()

```
var a = [100,25,55];
console.log(a.reduce((total,item)=>(total-item)));
```



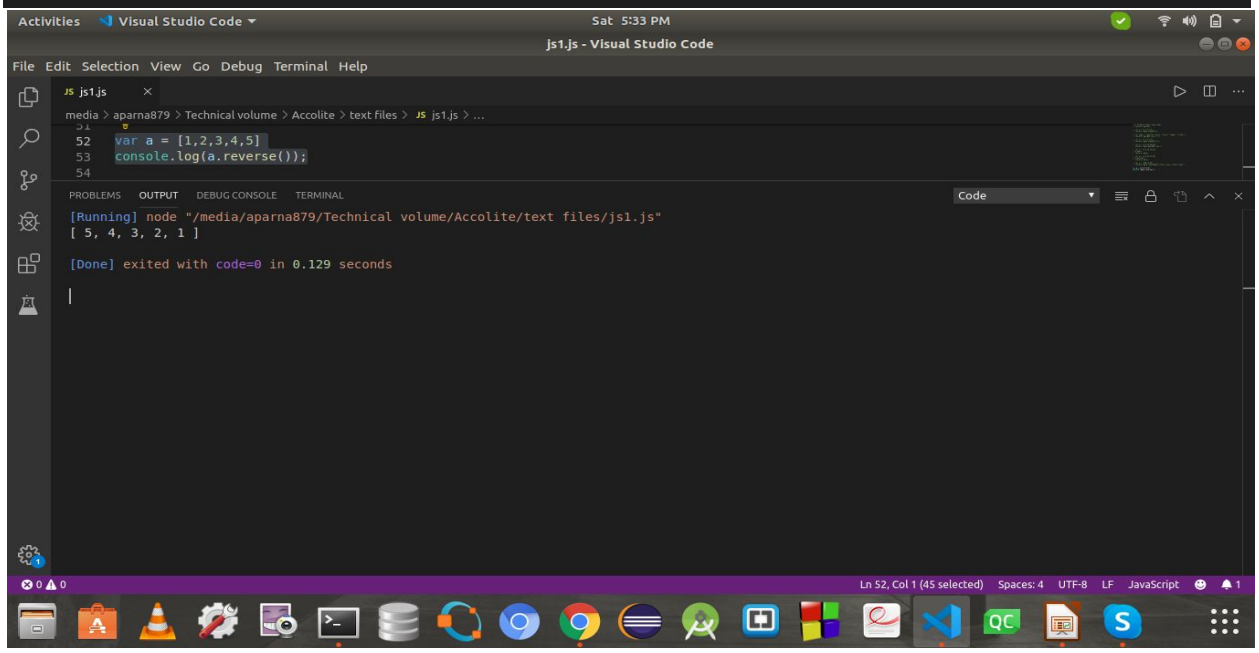
12. reduceRight()

```
var a = [100,25,55];
console.log(a.reduceRight((total,item)=>(total-item)));
```



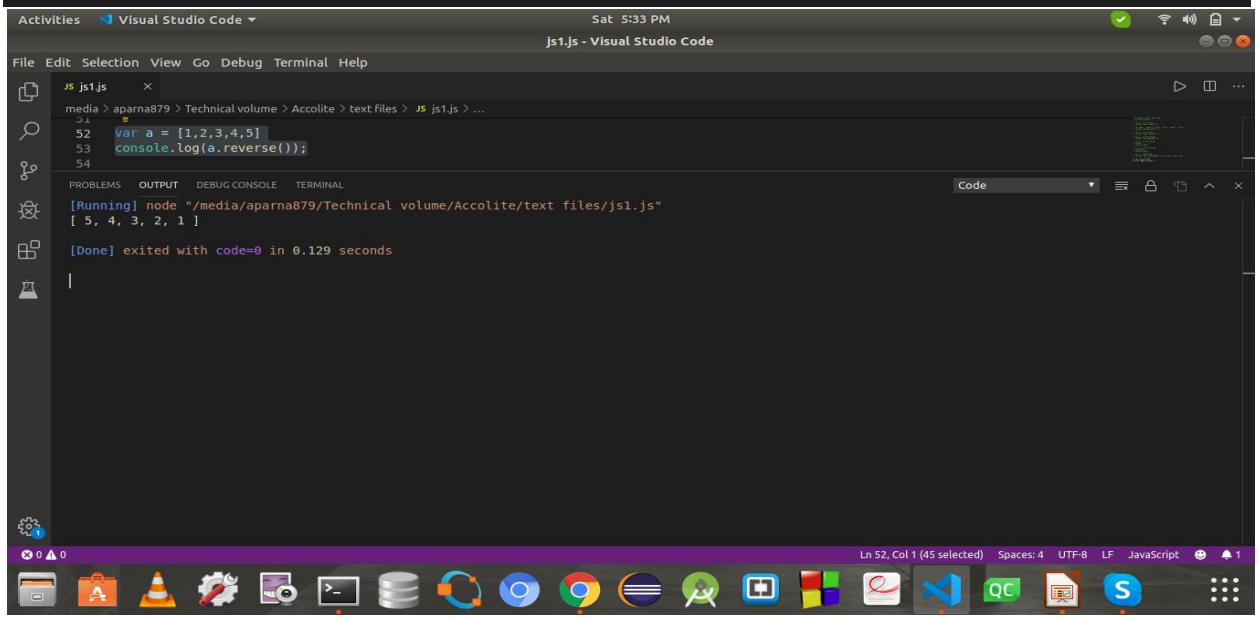
13. reverse()

```
var a = [1,2,3,4,5]
console.log(a.reverse());
```



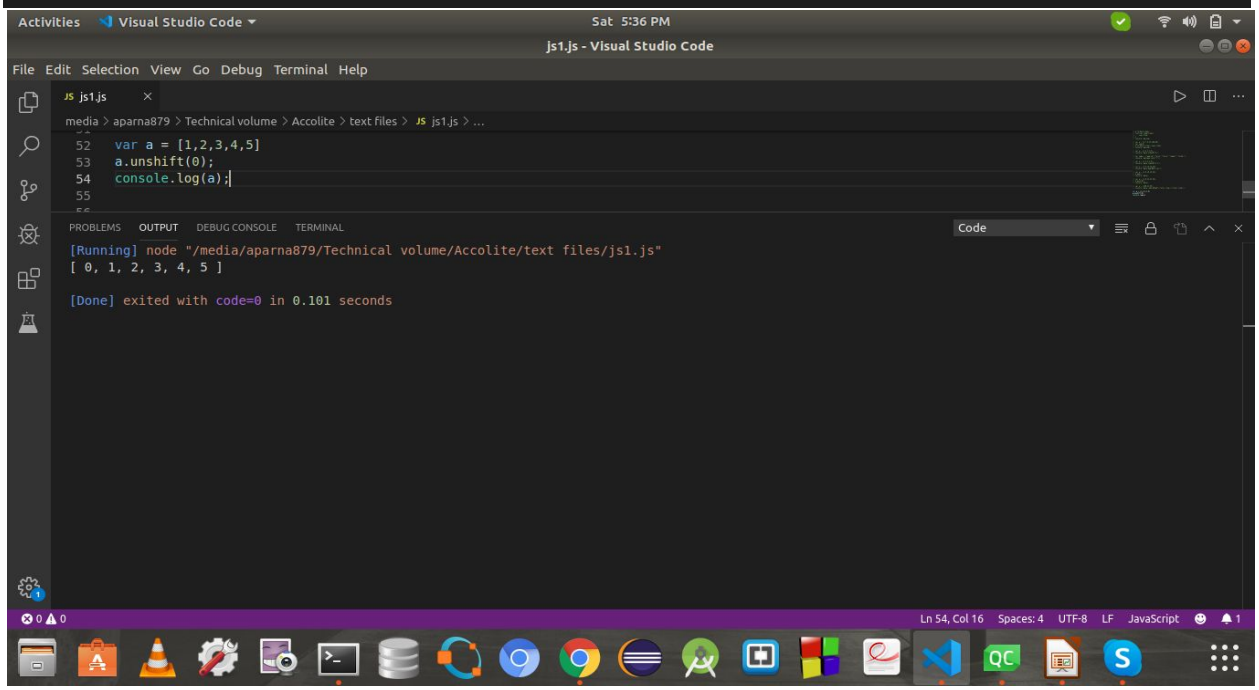
14. shift()

```
var a = [1,2,3,4,5]
a.shift();
console.log(a);
```



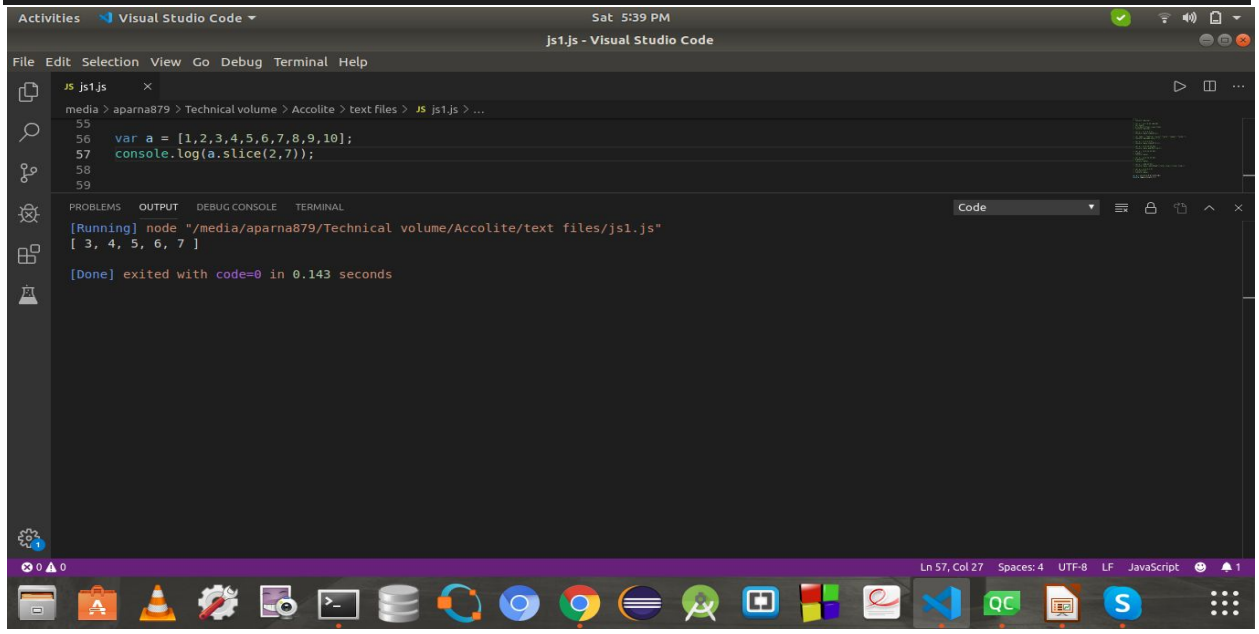
15. unshift()

```
var a = [1,2,3,4,5]
a.unshift(0);
console.log(a);
```



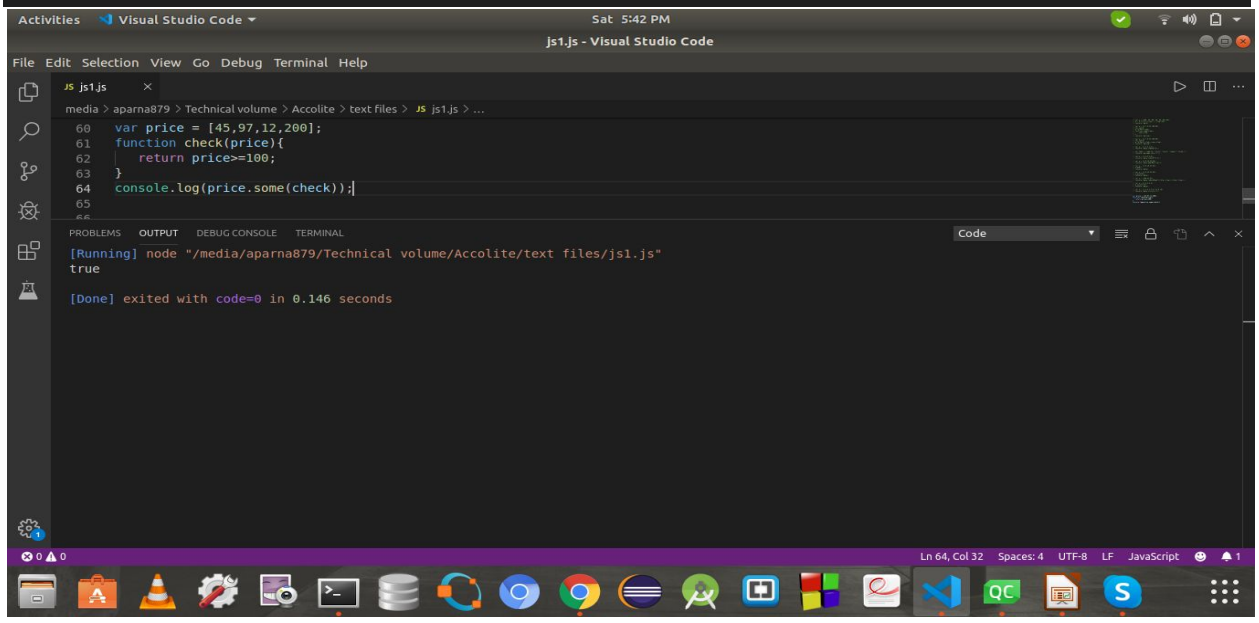
16. slice()

```
var a = [1,2,3,4,5,6,7,8,9,10];
console.log(a.slice(2,7));
```



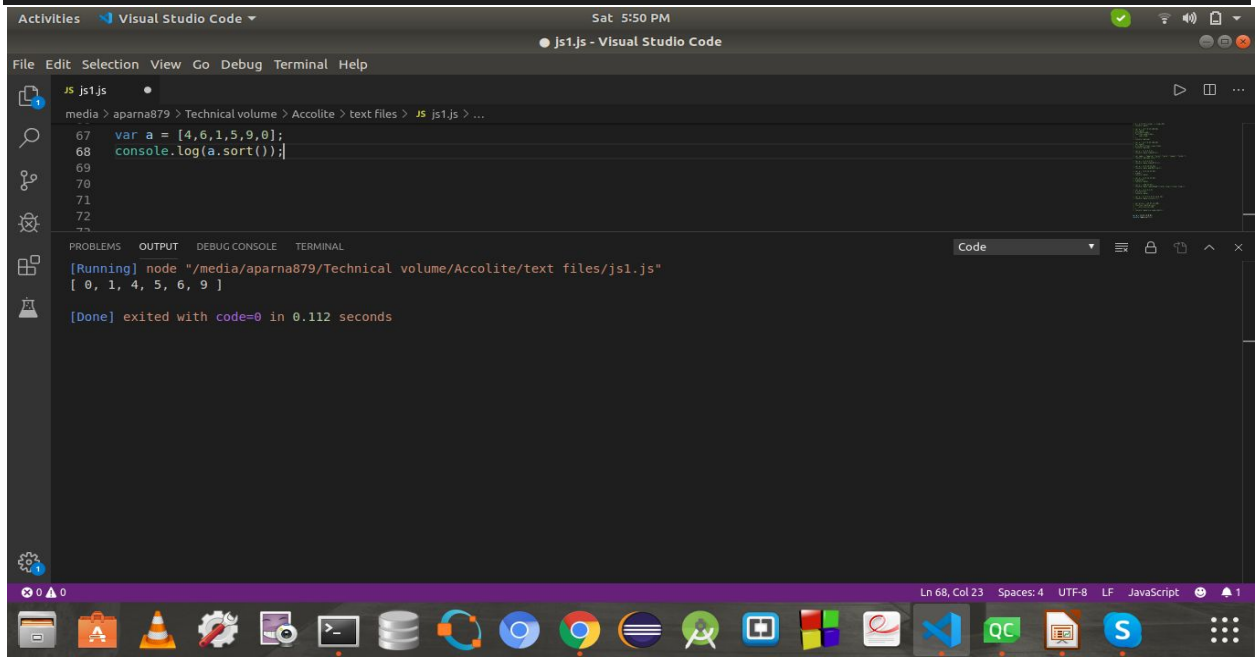
17. some()

```
var price = [45,97,12,200];
function check(price){
   return price>=100;
}
console.log(price.some(check));
```



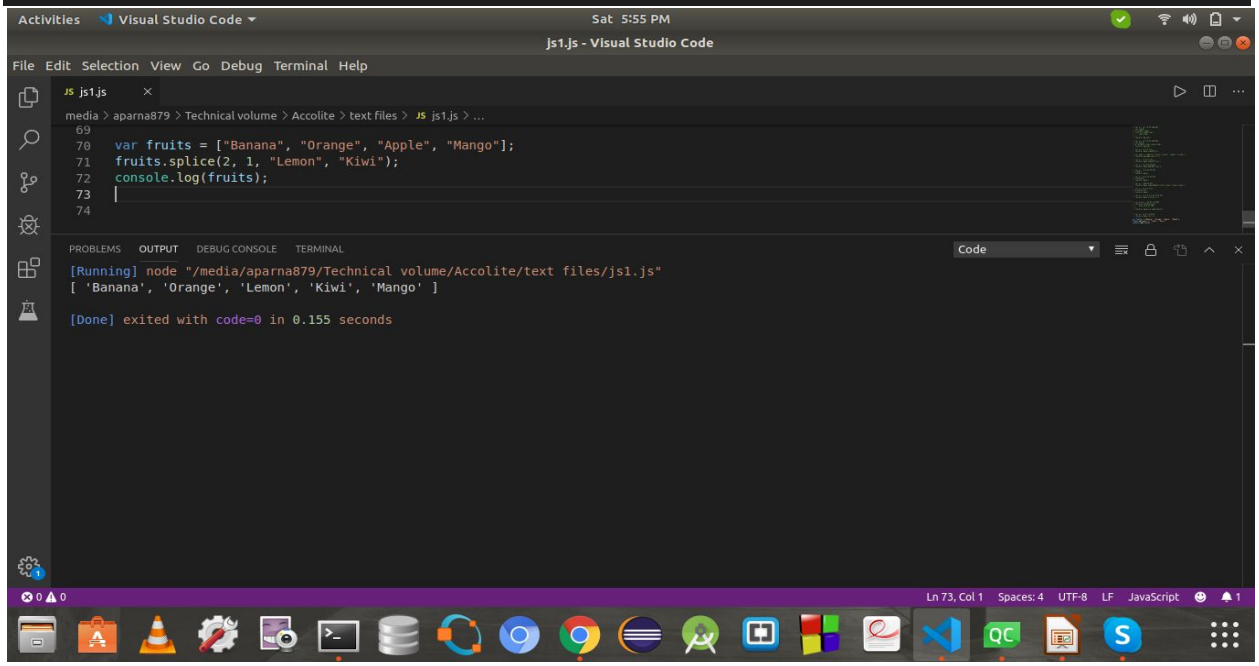
18. sort()

```
var a = [4,6,1,5,9,0];
console.log(a.sort());
```



19. splice()

```
var fruits = ["Banana", "Orange", "Apple", "Mango"];
fruits.splice(2, 1, "Lemon", "Kiwi");
console.log(fruits);
```



20. tostring()

```
var a = ["hello","world"];
console.log(a.toString());
```