```
1)let practiceFile = [273.15];
practiceFile.push(42);
practiceFile.push("hello");
console.log(practiceFile);
practiceFile.push(false, -4.6, "87");
console.log(practiceFile);
2)let cargoHold = ['oxygen tanks', 'space suits', 'parrot', 'instruction manual', 'meal packs', 'slinky', 'security blanket'];
cargoHold[5] = 'space tether';
console.log(cargoHold);
console.log(cargoHold.pop());
console.log(cargoHold);
console.log(cargoHold.shift());
console.log(cargoHold);
cargoHold.unshift(1138);
cargoHold.push('20 meters');
console.log(`The array ${cargoHold} has a length of ${cargoHold.length}.`);
3)cargoHold.splice(3,0,'keys');
console.log(cargoHold);
cargoHold.splice(cargoHold.indexOf('instruction manual'),1);
console.log(cargoHold);
cargoHold.splice(2,3,'cat','fob','string cheese');
console.log(cargoHold);
4)holdCabinet1 ['duct tape', 'gum', 3.14, false, 6.022e23]
holdCabinet2 ['orange drink', 'nerf toys', 'camera', 42, 'parsnip']
console.log(holdCabinet1.concat(holdCabinet2));
console.log(holdCabinet1);
console.log(holdCabinet1.slice(2);holdCabinet2.slice(2));
holdCabinet1.reverse();
holdCabinet2.sort();
console.log(holdCabinet1);
console.log(holdCabinet2);
5) console.log(str.split());
console.log(str.split('e'));
console.log(str.split(' '));
console.log(str.split(''));
//join() & split() dont change original string or array
let arr=['B','n','n',5];
```

```javascript
console.log(arr.join());

console.log(arr.join('a'));

console.log(arr.join(' '));

console.log(arr.join(''));

console.log(cargoHold.split(',').sort().join(','));

6) let element1 = ['hydrogen', 'H', 1.008];

let element2 = ['helium', 'He', 4.003];

let element26 = ['iron', 'Fe', 55.85];

console.log(table.push(element1);table.push(element2);table.push(element26));

console.log(table[1]);

console.log(table[1][1]);

console.log(table[0][2]);

console.log(table[1][0]);

console.log(table[2][1]);

7) let people = ["Greg", "Mary", "Devon", "James"];

for(let i =0; i< people.length; i++){

   console.log(people[i]);

}

people.shift();

people.pop();

people.unshift("Matt");

people.push("Elie");

for(let i =0; i< people.length; i++){

  if(i > 1){

     break;

  } console.log(people[i]);

}

people.slice(2);

people.indexOf("Mary");

people.indexOf("Foo");

people = ["Greg", "Mary", "Devon", "James"];

people.splice(2,1,"Elizabeth", "Artie");

let withBob = people.concat("Bob");
```