**1] Spread Operator**

**2] Rest Operator**

**3] Local Storage**

// spread operator:

*let* arr = [1, 2, 3];

*let* arr1 = [5, 4, 6, ...arr];

console.log(arr1);

*let* arr1 = [...arr, 5, 4, 6];

console.log(arr1);

*let* arr1 = [5, 4, ...arr, 6,];

console.log(arr1);

*let* arr2 = [4, 5, 6];

*let* arr3 = [...arr, ...arr2];

console.log(arr3);

rest paramaters:

*function* sum(...*args*) {

  console.log(*args*);

}

sum();

sum(1);

sum(1, 2, 3, 4);

*function* sum(...*args*) {

*let* sum = 0;

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

    sum = sum + *args*[i];

  }

  console.log(sum);

}

sum();

sum(1);

sum(1, 2, 3, 4);

rest operator

*const* books = ['java', 'c', 'js', 'c#'];

*const* [featureBooks, ...OtherBooks] = books;

console.log(featureBooks);

console.log(OtherBooks);

spread operator in objects

*let* person = {

    name: "Rohit",

    age: 23,

    city: "Bangalore"

}

*let* person1 = {

    fname: "akash",

    lname: "kumar",

    ...person

}

console.log(person1);

// local storage: String

*let* user = {

    name: "Harshal",

    age: 25,

    city: "Indore",

    gmail:"harshal2345@gmail.com"

}

//set item

localStorage.setItem('user',JSON.stringify(user));

//get item

*const* store = localStorage.getItem('user');

console.log(store);

// objects

*let* user = {

    name: "Harshal",

    age: 25,

    city: "Indore",

    gmail: "harshal2345@gmail.com"

};

// Set item

localStorage.setItem('user', JSON.stringify(user));

// Get item

*const* storedUser = localStorage.getItem('user');

*const* parsedUser = JSON.parse(storedUser);

console.log(parsedUser);

// remove items:

*let* user = {

    name: "Harshal",

    age: 25,

    city: "Indore",

    gmail:"harshal2345@gmail.com"

}

//set item

localStorage.removeItem('user');

//get item

*const* store = localStorage.getItem('user');

console.log(store);

*let* user = {

    name: "Harshal",

    age: 25,

    city: "Indore",

    gmail:"harshal2345@gmail.com"

}

*let* user1 = {

    name: "mahesh",

    age : 40

}

//set item

localStorage.setItem('user',JSON.stringify(user));

localStorage.setItem('user1', JSON.stringify(user1));

//get item

// const store = localStorage.getItem('user1');

// console.log(store);

//clear

localStorage.clear();

*const* store1 = localStorage.getItem('user1');

console.log(store1);