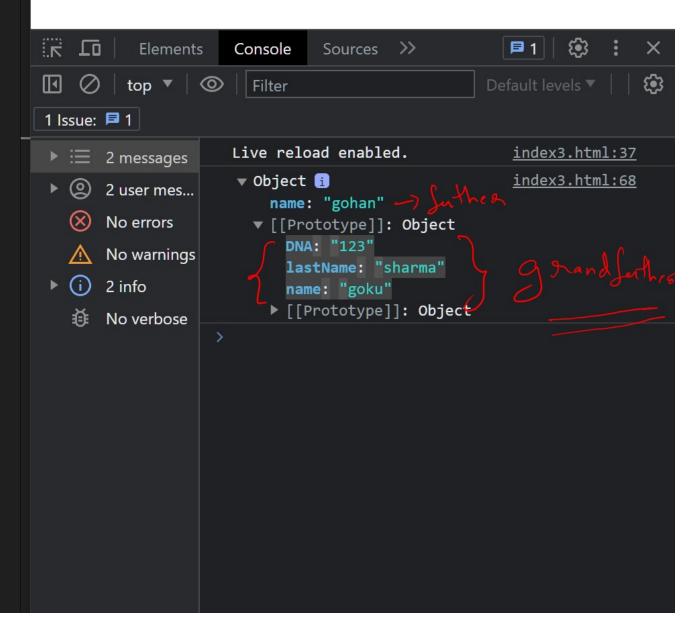
```
</html>
<script>
 // inheritance
 let grandFather = {
name: "goku",
   lastName: "sharma",
   DNA: "123",
 };
      let Father = {
        name: "gohan",
        lastName: "sharma",
        DNA: "123",
      };
 let Father = Object.create(grandFather); // it is
 creating a object with grandFather properties it has
 inherited;
 Father.name = "gohan";
 console.log(Father);
</script>
```

5



```
K
                                                                     П
                                                                             Elements
                                                                                        Console
                                                                                                  Sources >>
13
       let grandFather = {
14
                                                                           top ▼
                                                                                          Filter
         name: "goku",
15
         lastName: "sharma",
16
                                                                  1 Issue: 🗏 1
         DNA: "123",
17
                                                                                        ▼ {name: 'picalo'} i
                                                                                                                        index3.html:74
                                                                   ▶ : 1 message
       };
18
                                                                                            name: "picalo"
19
                                                                         1 user mes...
                                                                                          ▼ [[Prototype]]: Object
            let Father = {
20
                                                                                              bloodGroup: "o+"
                                                                         No errors
              name: "gohan",
21
                                                                                              houseName: "Dragon ball"
              lastName: "sharma",
22
                                                                         No warnings
                                                                                              name: "gohan"
              DNA: "123",
                                                                п
23
                                                                                            ▼ [[Prototype]]: Object
                                                                         1 info
       // };
24
                                                                                                DNA: "123"
25
                                                                         No verbose
                                                                                                lastName: "sharma"
       let Father = Object.create(grandFather); // it is
                                                                                                name: "goku"
       creating a object with grandFather properties it has
                                                                                              ▶ [[Prototype]]: Object
       inherited;
27
       Father.name = "gohan";
       Father.houseName = "Dragon ball";
29
       Father.bloodGroup = "o+";
30
31
       let son = Object.create(Father);
32
33
       son.name = "picalo";
34
35
       console.log(son);
36
```

// inneritance

▶ __lookupSetter__: f __lookupSetter__()

▶ hasOwnProperty: f hasOwnProperty()

▶ toLocaleString: f toLocaleString()

LookupSetter__: f __defineGetter__()

__defineSetter__: f __defineSetter__()

LookupGetter__: f __lookupGetter__()

lookupSetter__: f __lookupSetter__()

propertyIsEnumerable: f propertyIsEnumerable()

▶ isPrototypeOf: f isPrototypeOf()

▼ proto : Object

▶ constructor: f Object()

▶ toString: f toString()

proto__: f __proto__()
set __proto__: f __proto__()

pet __proto__: f __proto__()
set proto : f proto ()

▶ valueOf: f valueOf()

proto : null

Object 09200 prototore Number function String Assaprototope () Un Namber

Paro toty pal Chain

frodotype prodotype

Legen (at) object+null

```
index6.html X
5 index6.html > ♦ script > ♦ student
29
       function person(firstName, lastName) {
          this.firstName = firstName;
31
          this.lastName = lastName;
32
33
34
35
36
37
38
        person.prototype.displayFullName = function () {
          console.log(this.firstName + " " + this.lastName);
       };
        person.prototype.city = "hyderabad";
39
       let person1 = new person("ashish", "roul");
40
       console.log(person1);
41
42
        function student(firstName, lastName, batchNo, techStack) {
43
          // person.call(this, firstName, lastName);
44
          person.apply(this, [firstName, lastName]);
45
          this.batchNo = batchNo;
          this.techStack = techStack;
47
49
             Object.setPrototypeOf(student.prototype, person.prototype);
51
       student.prototype = Object.create(person.prototype);
52
53
       let student1 = new student("vishal", "sharma", 15, "MERN");
54
55
        console.log(student1.displayFullName());
56
      </script>
     Ln 45, Col 47 Spaces: 4 UTF-8 CRLF HTML Ø Port : 5501 	⚠ 8 Spell ✓ Prettier
```