TC Kimlik/IBAN Doğrula

```
TR 33000610051978645784 1520
```
IBAN a 97 ekle

TR 33000610051978645784 1520
TR33000610051978645784 1520 IBAN ✓

Sample code

```
function verifyIBAN(s) {
    const ASCII_0 = 48, ASCII_A = 65;
    if (typeof s != 'string') s = String(s)
    const E = /[A-Z]{2}[0-9]{2}[A-Z0-9]+/
    if (!s.match(E)) return false;
    var acc = 0;
    function add(n) {
        if (n == 32) return
        // if (acc > 1000000) acc %= 97;
        acc = n < ASCII_A ? 10 * acc + n - ASCII_0
            : 100 * acc + n - ASCII_A + 10;
        acc %= 97;
    }
    s = s.substring(4)+s.substring(0,4)
    for (let i=0; i<s.length; ++i)
        add(s.charCodeAt(i));
    return acc == 1;
}
function report() {
    let v = kimlik.value.replaceAll(/\s/g, '')
    let t = ''
    if (v.length === 11) {
        t = verifyTC(v)
        if (t === true) t = 'TC √'
    } else {
        t = verifyIBAN(v)? 'IBAN √' : 'hatalı'
    }
`
```
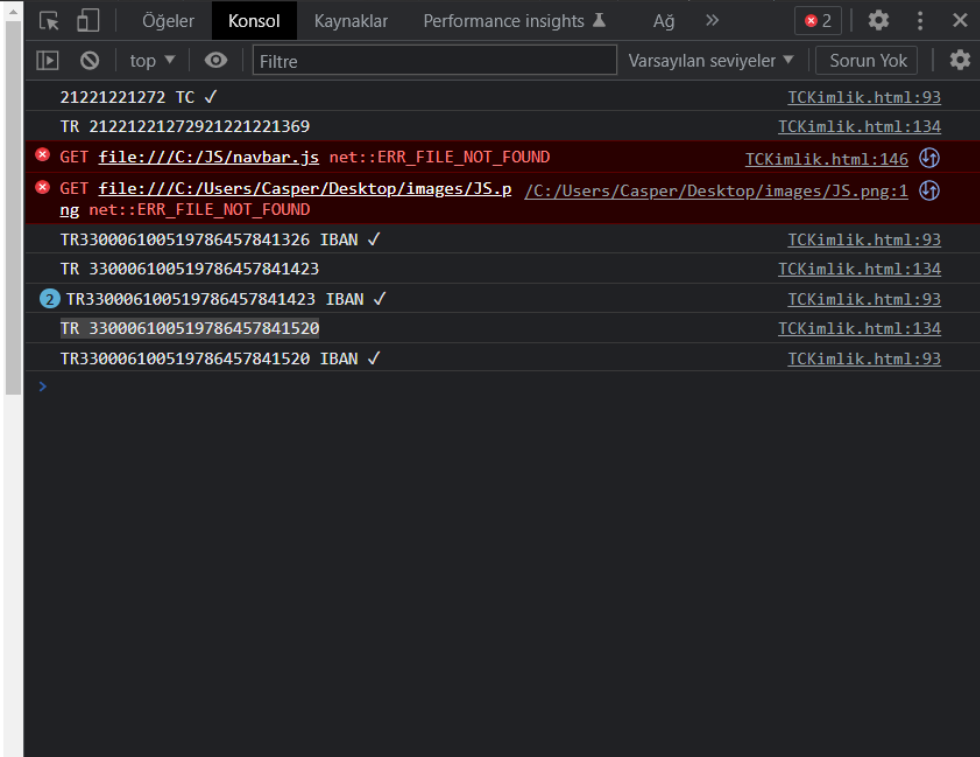
The console panel and HTML source panel

```
21221221272  TC ✓                                    TCKimlik.html:93
TR 212212212729 21221221369                          TCKimlik.html:134
⊗ GET file:///C:/JS/navbar.js  net::ERR_FILE_NOT_FOUND   TCKimlik.html:146
⊗ GET file:///C:/Users/Casper/Desktop/images/JS.p  /C:/Users/Casper/Desktop/images/JS.png:1
  ng net::ERR_FILE_NOT_FOUND
TR33000610051978645784 1326 IBAN ✓                   TCKimlik.html:93
TR 33000610051978645784 1423                         TCKimlik.html:134
② TR33000610051978645784 1423 IBAN ✓                 TCKimlik.html:93
TR 33000610051978645784 1520                         TCKimlik.html:134
TR33000610051978645784 1520 IBAN ✓                   TCKimlik.html:93
>
```

```
23   <body>
24
25   <h2 id=title></h2>
26   <input type=text id=kimlik>
27   <button onClick="findSum()">IBAN a 97 ekle</button>
28   <p id=out></p>
29   <hr />
30   <b>Sample code</b>
31   <pre id=sample></pre>
32   <hr />
```

```javascript
function deger_ver(){
    let v = kimlik.value.replaceAll(/\s/g, '')
    v = v.replaceAll('T','')
    v = v.replaceAll('R','')
    return v
}
function findSum() {
    var first = ayir_son()
    var second = '97'
        var toplam = '';
        var carry = 0;
        var diff = second.length - first.length;
        for (var i = first.length - 1; i >= 0; i--) {
            var temp =
                    (Number(first.charAt(i)) % 10) +
                    (Number(second.charAt(i + diff)) % 10)
                    carry;
            if (temp >= 10) {
                toplam = (temp % 10) + toplam;
                carry = Math.floor(temp / 10);
            } else {
                toplam = temp + toplam;
                carry = 0;
            }
        }
        if (carry) {
            toplam = carry + toplam;
        }
    var onceki_kisim=ayir_ilk()
        console.log("TR "+onceki_kisim+"9"+toplam)
    out.innerText = "TR "+onceki_kisim+"9"+toplam
}
function ayir_son(){
    var numara = deger_ver()
    var dizi = numara.split('9')
    return dizi[dizi.length-1]
}
function ayir_ilk(){
    var numara = deger_ver()
    var dizi = numara.split('9')
    return dizi[0]
}
```