```
( 4 (me) }
     VEN Q=10;
     console log(a);
We use blocks if we wont to place rultiple statements instead of a single
statement.
   } wera=10;
       let 6 = 20
       const c = 30;
       consolo log(a);
       Console log (6);
       console log(c);
      console log (a),
      console log(b);
console log(c);
         20
         30
         10
        · Uncought Reference Evros: 6 is not defined.
     We can occess let and const variables only inside the block but var
          variable is in global scape, so it con be occassed anywhere
                              SHADOUING
  3 ver a 2 100;
         1 ver a = 10;
          Console log(a); ?
          Console log(a);
     The value of a inside the block shadows the value of a outside the
       block.
       Also az 10 modifies the value of a = 100 because both paints to the some memory location as a is in global scape.
                                 let C = 100;
  Const c = 100;
                                  ) ver a = 10;
    1 von a 2 10;
                                    let 6 2 20
      let 6 2 20;
                                     let c = 30;
      Const C = 30,
                                     Console log(c);
      Console. log(c);
                                    console log(c);
      Console log(c);
```

```
C'inside block is in block scape and c'outside is in script scape.
     So it prints different values Separately.
3 or behaves the some way inside a function,
    Const C = 100;
    function() {
       let 10 = 20%
       const c = 30;
       console.log(c);
      console. log (c);
     ILLEGAL SHADOWING
   ( let a = 20;
      you a = 20;
     >> Uncaught bystax Evver: Identifier a' has already been declared
      11 we cont shadow let variable inside a block using wor.
   (2) let a = 20;
         9 W a=100;
        / This &s valid.
          We con shadow a let using a let.
   (3) Non a z 20;
         ? leta = 20;
         11 this viceworks is perfectly fine
  6 It If a variable is shadowing something, It shouldn't cross the boundary of its
        sope.
           W a = 20;
            ver a 2 20;
        In a particular scape, let cont be redeclared. var shouldn't
         Craste boundary of its limit.
          let az 20%
          function N();
          This is perfectly fine. Van is within H boundaries of function
```

>> 30 100

Constar 20; This is also fine. His is within its memory force (3) } constaz 100; - will get access from the newsesta. S Const a = 200; Console log(a); Block Scape also follows lexical scape.

tunctions and worder functions behaves the same in terms of scape.