```
how, each call to 'oph I' nemeriba
# closure in Javascript
                                       the value of ic' because of closure
   function asymp()
       lut (=0;
       return function () {
            C+=1;
           console log ( opn called $ {content );
   const opn = asynop();
    opn ();
    opn ()
                                 Il Adding amethod do Usur prototype.
 # brottotype in javascript-
                               User forototype greet = function () {
    function User (name, age) {
                                consolitos ( Hallo, $ Ename }, $ Eage } );
        this name = name;
       this age = age;
                               const wers = new User ('Alice', 30);
                              Coust yord = new User ('Aman', 20);
# Modules and Import export in Naple-ys-
                              - importing a Module:
 -> Exporting a Module:
                              Constadd = Hequire ('./calc');
   function add (a,b) {
```

return atbj module exports = add; + Exporting in ES6: export function odd (a,b) jetum a \*b;

console.log(add(2,3));

-> umporting in ES6: import Eadd? from './calc'; console.log (add(2,3));

```
# Evonon Handling Techniques in Made is-
  function func () {
      3 (2.0 > () mash. slandom () < 0.5) &
          thorow new Ennor ('Something went wrong');
       neturn 'Success';
  dry & const rus = funcl);
           console log (rusil;
       catch (correr) 2
         console.log ( ovior, mosage);
   - Everan Handling in Asynchronous code (Bromises) -
    function asyntan (12
        obstrom new bromise (( resolve, reject ) {
             SetTimeout(() > ¿
                const success = Mathorardom() > 0-5;
             if (Success)
                 resolve ('opn successful');
             elle
               reject ("new Exror( opn joiled));
          3, 1000);
   3);
```

```
# The power of Apply, call & Bird in Mode-je-
 => function great(){
          console log ('Hello, I am $ (this name }');
      oust user = Ename; 'Alice'];
      greet. call (usor);
 >> function update (age, occ) {
           this age = age;
           this oce = occ;
      Const person = Emame; 'Aman' !
      up date. apply (porson, [30, 'Developer']);
       console by (person);
 => Junction log() {
         consale. log ('Logged in as ${this. usuname}');
    const session = { usemame; "user 123'3;
    const boundlog = log-bind (Selsion);
    boundlog();
```