* Creatingarland' Objects lass 133 const rectangle = & length: 1, breadth: 2, (H, U) giffunction that is critated it wish anciological 11 is known as a method: (Create Lecture) polisiones draw: function() & console log ('lets draw'); * Object Creation by -* Factory Function * Constructor Function * Factory Function Junction create Rectangle (len, bre) & return rectangle = & length: len, breadth: bre

draw()

```
Il factory function calling
   const rectangle Oby = create Rectangle (5,4);
   console log (create Rectangle (5,4));
- Construction Function
  In this function we will us pascal notation.
   Pascal Motation --> Number of Students
  Constructor function -> properties (methods ->
   it initialize define and doesn't return
   Junction Rectangle() of
          11'this' keyword represents the current
         11 object we are working with.
          create Kectangle (len bre). His. length = 1, 1 = integral. with
          this breadth 2/Batos muter
         this draw = function Of &
                consolelog ('Drawing');
```

console.log ('lets draw');

Object creation using constructor Il new keyword returns an empty object.

Let rectangles Obj = new Rectangle(); + Dynamic Nature of Objects Addition I removal of any property in the object is possible. radments & privite -11 creation malage & retangleObj. color = 'yellow'; Hulf 6 11 deletion loding? delete rectangle Obj. color; 4 Reference -k Constructor Properties => Functions are objects also known as objects. In JS Junctions are we can us "operator in any function and we will see many properties of it.

ai-13) +

Chart cropper using Types in JS -> Primitive or value types
-> heremcopy is created significant to). -> Reference or object types -> herestaddress is passed since print to logicione asitiona + Primitive . aldierny is training off -> Number -> String -> Boolean e cherry selly color = 'yellow'; -> Null -> Symbol de le de modern de la la coler ; * Reference -> Functions dother prof -> objects amplian un anthonom and worthand 217 Arrays Marrays * Iteration, through Objects + For-of + for-in

* For-01 in iterables i.e. arrays and 14 is only used idelado a : sumo. maps, etc. 5.5 : tarini Syntax for (variable of iterable) of 11 statement whise grant a contract the filling friends * For-in grand . E ?) -> It is only used in objects. -> It is used to check whether any property is present or not in the object. Syntax for (key in object) of (Elyasqueg Its julystatement og 1) polososas * Object Cloning motoring house

original object with same properties included in it.

Using assign

part. Ex 11 original const employee = & name: 'Rishabh', · 44. 295m age: 20, height: 5.8 of (reduced by a delivery) of ll cloning = employee; Object-assign const copy Emp (of y, employee); console log (copy Emp); > Using iteration const object = {a:1, b:2, c:3}; 11 using for-in loop for (const property in object) of console.log (\$&property); \$&object[property]); 11 >> = packtick character =) Using spread operator (...)

It is created above Let copy Emp = fin employer 3i console. log (copy Emp);

=> Using assign

* Garbage Collector

-> It is used to deallocate the memory.

-> It runs at autometically in background.

-> We have no contol over it, mean we cannot contol the start lend of it.