le cture 20 11/2/23 rgeowate Randon -> Mathrandom () > Math. round (1.6) (-> 2 (- r oun (2) >> Moth , min (2/4) > Math, max (4,2) - max (4) -> Math. -eb3(2-6) 2) String Create string Object by new Atrigli Objects let first Name = new String (Priyonsh) + Two types of Stoing in J3 Primitive (ii) Object
let name = priyonshi let name = new Itang ("Paiyansh") Convert Prioritive to Object Stating name + object () name length (> 3 (Til name Includes (Pris) // true name . starts with (pri) 11 true in name ends with ('sh') 11 true (1x) Noine, trime (1)// remove white space

replace replace (Prost, Berond) Poll let mag = j This is a paint as backtion message (pit) \* Date Object let date = new Date ()) let dates = new Dote (April 16 2003') + gets set in Date
Using set we can set - Date Houses, milliserands, Month, Minutes, & Time de Gx > date setfull Year (2003) Now Gret console.log (date get Full lean (1); (i) Collection of Any Item. Console log (aux [3]) # 6 ROLLIGERET X (i) Begin = our unshiff(1)

(ii) Middle = our spice (4,0,6) realer insent index deleterats Ida,

\* Searching 1 number = [2,4,6,8,10] Console. log(number 2 Index 0 f (4)) Console. log (number, Includes (2)) > index of and included not works. with Objects. let courses = 16 9 9601 d North Namer Pryanshy Consoles log (Counses includes (KNO11, Name Fatse (OIE) (Priyansh') \* Callback Function · A callback function es a func passed into another function as an arigumen which is then invoked inside the Outer function to complete some kind of Searching in Objects) - Course = Courses, And (function Cours sustant de sustan course Mame = his Course find Callback Func/Predicate

on our searching condition then Hetwin 1st Object -> If not present then return underfine de mant, price saidad Dirite Callback Function in Arrow let course = courses. find ( Courses => Course, Name ==== January don teles is Palyansh"); \* Komoving (i) Begin - over. spire(3,1)

Middle - over. splice(3,1) Index how many ele delete Days = [] let any = county

and length = 0

The ary length on any

The ary splice (0, and length)? I still any

pointing

The ary splice (0, and length)? I still any

The ary splice (0, and length)? I still any

The ary splice (0, and length)? I still any

The ary splice (0, and length)? I still any

The ary splice (0, and length)? \* Combine & Slicing Downys. let Arst= [1,3,5] let second = [2,4,6] let third = first concat (second) 135246

et ans = [1,3,0,7,9] let new Array = certy 3/10e (2,4) /157 new Array = and 3/10e (2,4) /157 ground exclude Combine Using Spread Openator let Combined = [ ... first, ... Second \* Farstach Loop. array Name For Each ( Call back Fn) Combined. For Each (function (number) onsole log (number)) 3100 \* doining Horays let any = [20, 40,60,80] Jet gomed = avus joined (", ")) 3/2= " NOW This is a mag et Splited = str. 3 plit ( D EP LOUT S cooks only 9n and revenser) primitive.

Déléments en dition Pelementer Cond

Feltuing Arrays

number felter (callback-fn)

Jet number 6'= [1/2/-1,-4, 5] et 19 = number : fritey (value > value zo) console. log (fel) 1/125 Mapping Arrays.

Map each elements of overay to

Something else.

Jet over = [2,4,5]

Jet 39 = over map (Val => Val + Val)

Console log (39) // 4, 16,25 \* Mapping with Object let outy = [4,5,6,7,8,10]

Let maphith Dbjects = arr map (value =>

// work Number: value ) )

return \* Chaining

Jet chain = arby, filter (val > val & 1)

Map (val > val & val )

\* Reduce let totalsum = anon reduce (Corconmulation, accumulator + current Value, 0) Console log (total sum): 11/15