Akash.I Assignment. Date: 3011/04 ign what is the purpose of css media queries? The purpose of media queries is to create responsine web plasign that adopt to different sorien size resolutions & dewices. 2. How do you write a basic media quary in css? we write basic media quary by using @ media & tue type and condition. 3. Explain the difference blw max-width & min width in media queille It apply style when the It apply style when the to specified value equal to specified value to specified value once the viewpoort weidly \* within the minimum is exceeds the specified width media query velue media auerquise is not apply until no longer apply specified width is reached 4 what is the purpose of the wiewpoint meta tag in responsive A viewpoort is the user's visible area of a webpage \* A viewpoint metatag is Hitml code that tells browsers now to control viewport dimension & sealling Its a key ingordient of responsive mebalesign and ensures your content is easy to view so that webpage can adjust its width according to wemport

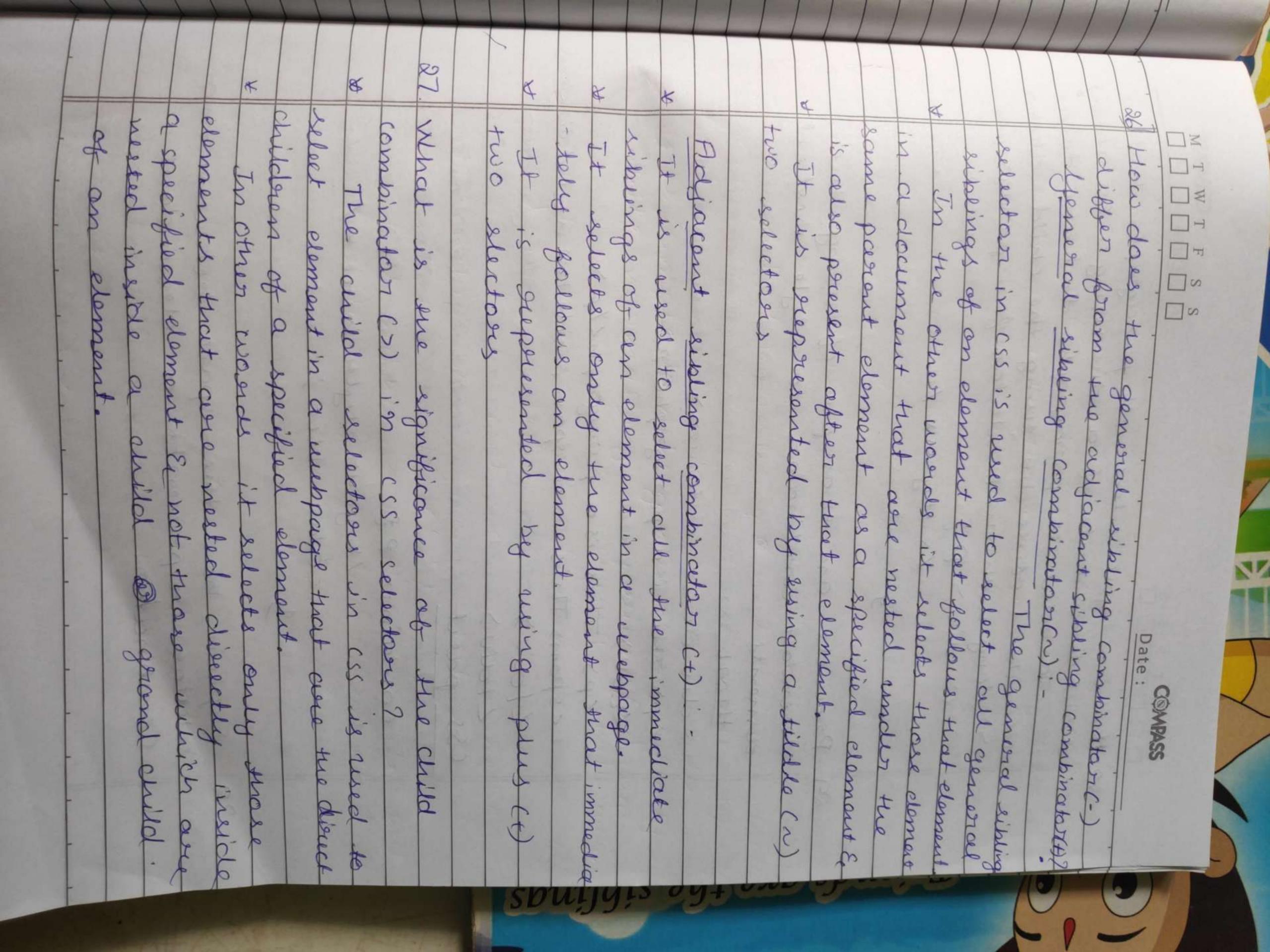
How can you combine multiple media quiris logical operators such as and, ar, and, not create more complex & specfic condition. and oppingou con combine multiple media quins using the and oprator to create a compound condition that must be satisfied for the style + It is a key word to match condition. ari- The or operator allows you to apply styles it any of the specified condition are met. not: The nor operator gates most specifies condition appliying styles when condition is not Duhat is the significance of the all keywoord in media allevies. The all some keyword in media queries is a unicersal type that includes all media types it is the default value it no media types is specified. How do you use media queries to apply style only for print style shorts? first me use media type as print after me apply unateur me styles wont to exi. @ media, print & background calar: white codor : blue margin: 0

TWTFSS We core targetting the epecific deciles 1214 by using condition & apply styles based on series size resallation & other features 16 what is the purpose of the not keyword in The not keyword in ces media ouvries apply these styles only if the condition is ex: - @ media not screen Ecmin-width: Color : green; font size: 30px; pe 7 How con you use media queries to adjust for sizes for different screen sizes? We adjust font size for different screen using media queries in css défaut font size font-size : 16Px; of all ecours. y What is the box sizing property in Css & unat does it control? The css box-sizing peroperty is used to adjust ar control tre size et on element. There are two main value in Box siving & content Box \* Border Box Content Box: This is the default sixing Quidth & neight proporty only apply to elemits contet box it doesn't overlap the content boennala: Total width = width at content

| Basider Box: The weight E height property include the content padding E Basider  > it owerlap the content when Basider | Gosmula: Total weign= weigt of cents + tap + 4p<br>Total veign= project of cents + tap + 4p<br>[9] Explain the difference petween pox significants - box; & box - sizing: box significants - | & It consist height & * It consist height & width & also bashdy.  Expecting | tontent overlap the & It overlap  (content  + It is default behaviour & it pereferred for  incss  -modren web daugh | How don the box sizing property affect the the caleulation of an elements width & how sizing property has two values in content in Rosden Rox calculate - total width = width of content & width of content & width of boarden t width of content & width of boarden t width of boarden t width of boarden t width of paraden t width of paraden t width of paraden t width of |
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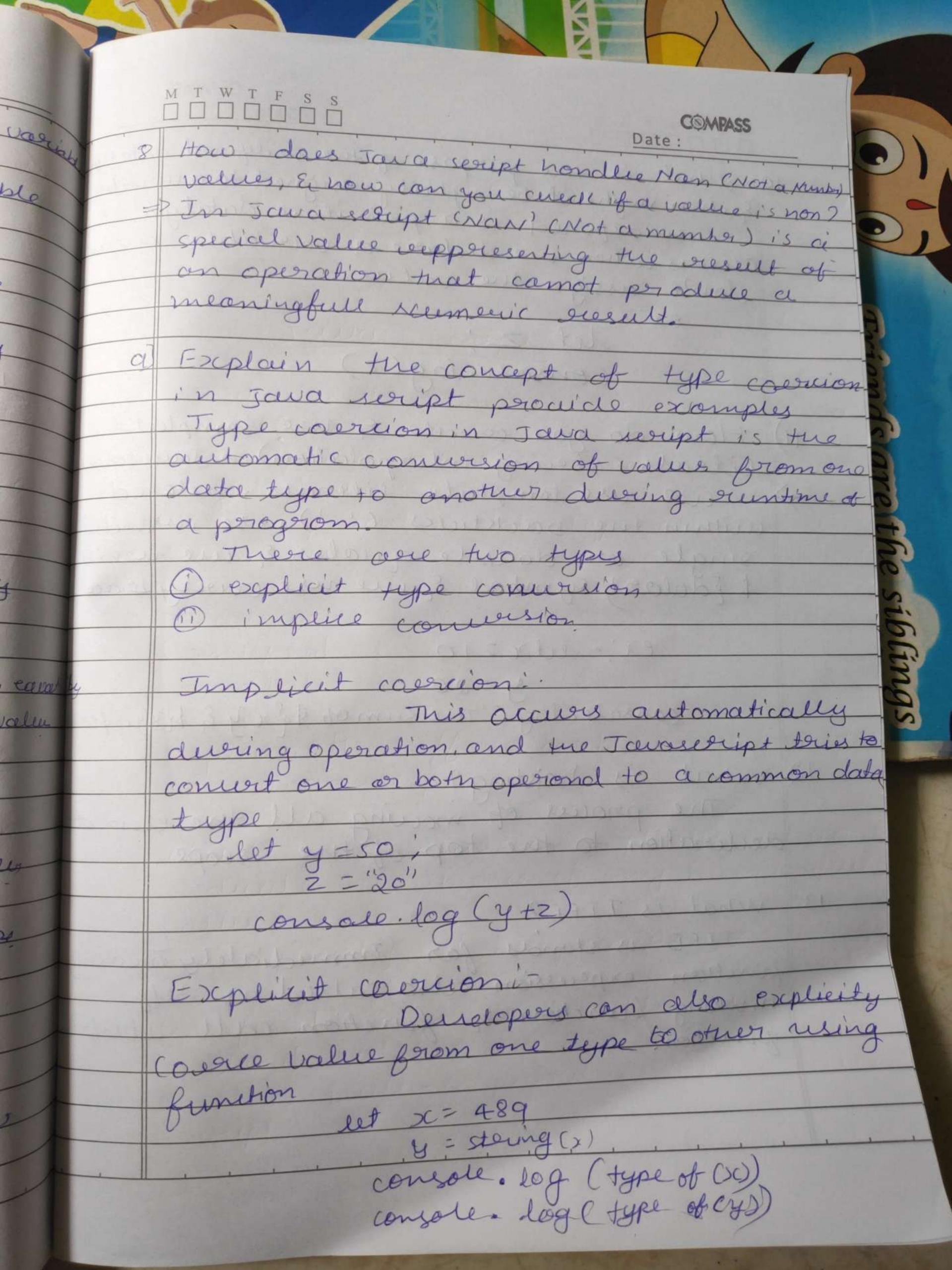


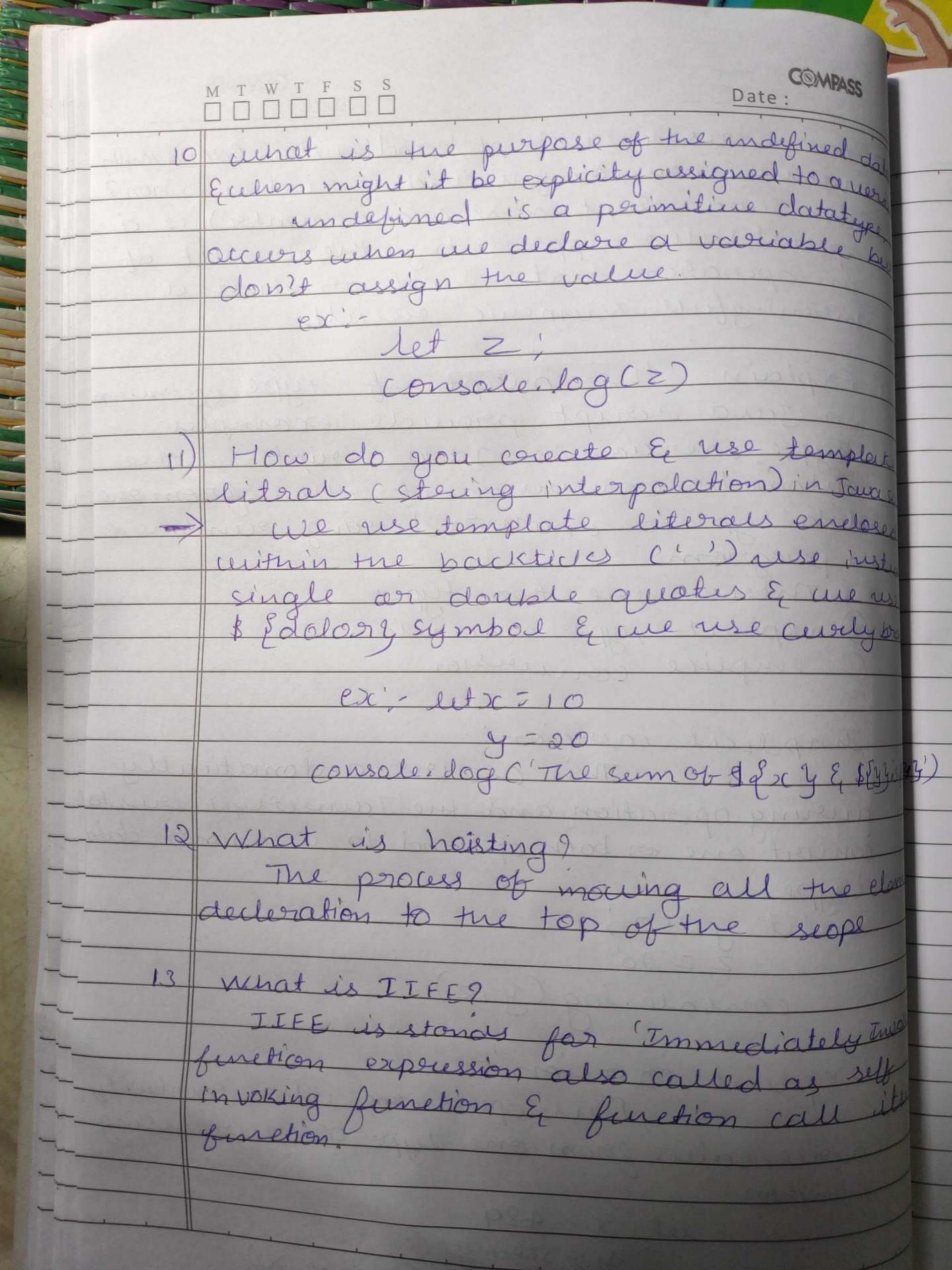
x In (55 the space bla two selectors is known as the destendant combinator It is used to select all elements that one descendants of the first specified element The descendant combinator is superesented by a whitespace character ex: selector, selectorz { 1 x styles &/ & Selector-1 This is the ancestor elements It depresents the element werese descendants you want to style. & selector-2 This is the descendant element It ocepresents the elements that are descendents of the element that are descendants of the dements selected by selectors. How would you select on element that is the inmediate next sibling of another element in In css you can use the adjacent sibling combination (+) to select on element that is the immediate next sibling of another dement. element 1 + element 2 { 1 & steple XI Here element 1 & element à are tre two elements invalued & the 't' symbole is the adjacent sibling Combinator. This selector will match 'elemente Only it it is on immediate sibling that directly

(v) General Sibling Combinator (-): use case: - When you want to select elements that share the same parent & appear after a specified element. considerations! similar to the adjacent sibling combinator but less strict as it selects ay matching siblings, not Just the immediate 33 Explain the concept of CSS pseudo-selectors promide examples of commonly used pseudo selectores & their purpuse. & CSS pseudo-selectores are special Keywords that are used to select & style a specific portion of an elements content @ state of an element. I They allow you to target elements based on criteria that cannot be expressed ring wat regulær element selectors alone purpose: - selectors & styles on element when the user hour our et a: hour & Color: red; purpose: Selects & styles an element unile it is being activated. background-colori green exi- button: active à purpose: selects and steples an element, that has focus (mainly neyboard)

ex' Selecting odd & Even elements
li: ntn-child (odd) background - Galor red; ava script what are the primitive para types in Tava. The premitive Data is used to store the single data on one pata. The primitive data types are! & Neembers & steings Service Branch Branch Branch # Boolean t cymbal (out Lic 2 Explain the difference bla null & in Java script. Nulli- is a value con explicitly set do indicate the absence of ony meoningful it explicitly set by programmer Undefined: means a noviable has been declared but has not been assigned value # it is built - in primitive value in Jame

3 How do you check the data type of and in Java recipt. une can check the datatype of insulable 4 Explain the concept of truty & falsy value in Javascript, provide example In Javascript catgorized trutting E falsy value in Boolean data type With receivered to cold ex! let x = touce Car to to the late of the console. log (x) operatores in Javascript & now do they relate to data types? This operator compares values barries "===" This operator comparing the both w E type of operands example! Console log (6=="6") comparing valle it returns torce consale. log (10==="0") compaleing the type =) it reterme falue 7 Explain the difference blu the + +x & xt inerement operators in Java seriet ++>c & x++ = Both and Turenant operate ++>(-) This is pre incremt operator 2++-> This past increment operator.





dataty eriable 14) What is meant by default parameter allow to specify default values for fenction but as parameter unes the function is called it value is not provided for parameter Then défault valie is resud. exi- finition into (nomerage =16) & console log ('my self benomes & my age is & Lager into ('peppu') teday The default return value is undefined exi-function a (x) { braces is \$ (24 13') console log (a(2)) 16 How to pass minited number of paramet to furtion ue pas minited number of parametr Aurow function call use rest parametel.