**Destructuring**

**Video[115-122]**

**#Destructuring array**

**Array so using []**

**A computer screen shot of text

AI-generated content may be incorrect.**

#If the variables initialized before destructing ,the variable data will update with the new value . A computer screen shot of a program

AI-generated content may be incorrect.

#If I need destructiung only the first 3 value from array

A computer screen with text and numbers

AI-generated content may be incorrect.

#If the array has 4 element but I declare 5 variable in the destructing

A computer screen shot of a program

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Then e variable will has undefined value .

#i can add default value to the variables A computer screen with text

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Destructuring

بتسهل علينا الوصول لعناصر الاريه وخاصة اذا كان في اريه متداخلات

A computer screen shot of text

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Note:لما احط فراغ مكان العنصر معناها ما بدي استخرج هاد العنصر ما بلزمني فبعمله skip

#swapping variables using destructuring

A screen shot of a computer program

AI-generated content may be incorrect.

**#Destructuring with objects**

**Object so using {}**

A computer screen shot of a program code

AI-generated content may be incorrect.

A black screen with blue text

AI-generated content may be incorrect.

Note :

If I want skip the title in the array to skip it we must put space in the destructor but in the object destructiring to sjip any object property we delete it only

A computer screen with text on it

AI-generated content may be incorrect.الترتيب غير مهم بالاوبجكت لهيك اذا بدي اعمله سكب بس بحذفه اما الاريه الترتيب مهم لهيك لازم احط فراغ مكانه

##Naming the variable in destucturing object

A screen shot of a computer program

AI-generated content may be incorrect.##add new property

A computer screen shot of text

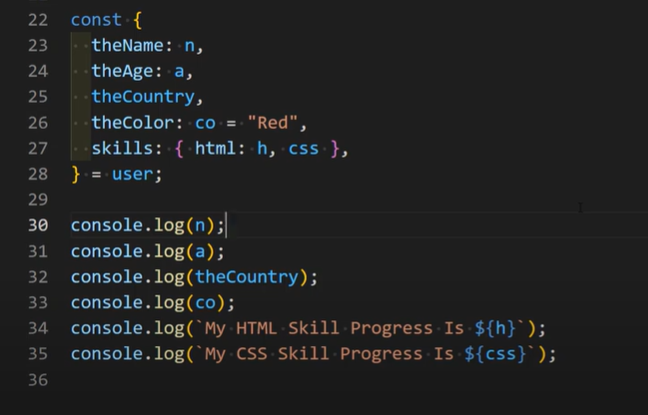
AI-generated content may be incorrect.the color is anew property with default value .

##Nested Object

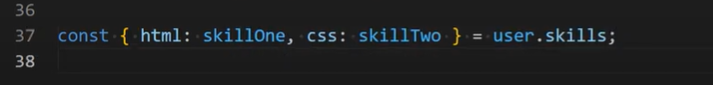
Ex: this nested object ,how destructuring nested object

A screen shot of a computer program

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## if we want destructuring only the nested object (inner object ) .



#Destructiring with function Parameters

بدنا نعمل دالة تستقبل كائن وتطبع معلومات عنه

A computer screen shot of a program code

AI-generated content may be incorrect.

1-function without Destructiring

2-finction with Destructiring A screen shot of a computer program

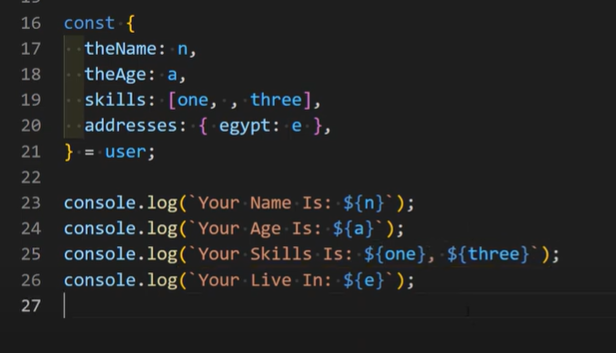
AI-generated content may be incorrect.

#Destructuring Mixed Content

Ex: apply Destructuring in this object

A computer screen shot of a program code

AI-generated content may be incorrect.



Challenge: if the chosen is 1 it must print the first values in the array if 2 the second values if 3 the third values with using destructuring .

First solution

A screen shot of a computer code

AI-generated content may be incorrect.second solution

A computer screen shot of text

AI-generated content may be incorrect.