3) Conditional Expression

De can use conditional expressione la essite compact ronditional statements.

Syntax: Lexpression- If-lus > 4 1 condition> else L'expression-ef-false>.

Lunditton? el a boolean expressión that evaluates to cellux True or false.

Enample:

result = " Even" if n.y. 2 == 0 else " Odd"
print (result).

It returns true exp l'endition le tue or retuens false et condition is false.

10. Difference betieven Deep copy and shallow copy Deep copy

Shallow lopy

- ceales a new object and upies the reference of the original object's element unto new object

-Both the original and ropied object pomil to the same menory locations for the element - Creates et new object and ropies the actual values of all elements encluding any reference objects semestvely-

- Dew object has els our en dependent memory locations for els elements

er tu copied object sit well -Modification made to the copied object ever not affect the origine also reflect in the original object. -Slow to weale -Fasler lo cuate despression - II - lus > if codel - formade 1 mile as to the the see folse seault - 11 even et a 1 2 = = c ob. " cos"

print (result) It returns the all amounts at the co institute of condition is fact. . Diffuence betieven Dap upy and shallow cept bdon drag J. 5573 MEN 12 FILLING -Strallare copy Lange was signs been Frieda mod a Misso p marojos est voigns a similar him makes And the source of the state The many of the Freek State No. 1995

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