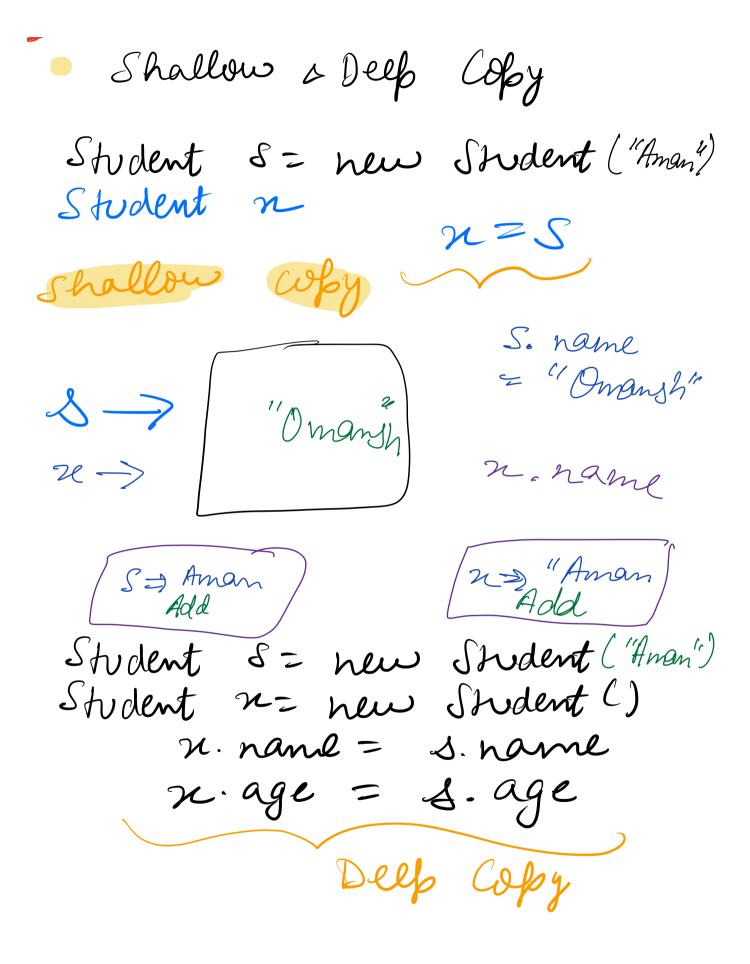
Class -> Blueprint / Skeleton / Template short interesting Object > Instance of the class class Employee L public string name public int age public int id public long mob\_no public stling department How to create an Employee? Employee n= new Employee () data type 2. hame = "Aman" n. age = 25

## 1) Function Constructor 2) Same hame as 3) No seturn type class Student & String name · Constructor is called when int age Object is created int id Student (String name, int age, int id) & : this name = name 1 this. id = id this. age = age

Student S, = new Student (
"Ayush", 17, 100345678)

print S, id= 100345678

2 Create a class rectangle Length, Breadth Functions: 1) Find area of rect 2) Find if seet is a squale or not class Rectangle L int length int breadth Rectangle (int l, int b) L this. length = l Huis. breadth = 5 int area () d length & breadth return boolean is Square C return length == breadth



Object reference inside a class N objects of a class List < Class > list 34 - head Linked List class Node & int data Node next Node (int x) ( this data = 2 this next = NULL

• Geate lectoriste of l=5 b=6

Find the area (vsing class function)

Rectangle 2e = new Rectangle (5,6)

print (2e. area())

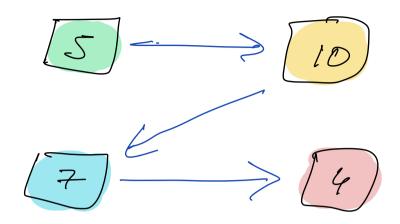
I s Square

if (n. Ie Square ())

if (n. Is Square ()) print (n. area ())

name
age
age
Address

Address



Node One = new Node (1) Node from = new Node (2) Node free = new Node (3)

$$\begin{array}{c} \boxed{1} \\ \text{one} \end{array} \rightarrow \begin{array}{c} \boxed{2} \\ \text{two} \end{array} \rightarrow \begin{array}{c} \boxed{3} \\ \text{three} \end{array}$$

one. rent = two two next = three

One, data 1

one nent data 2 one nent nent data 3 one nest nest nest = NULL

Cdone y

for (i=0);  $i \in 100$ ; i+1) n = n. nent

hs()

for (Integer n: hs)

## - -

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