OOPs Class-1

Special class

Love Babbar • Oct 23, 2023

-) Maza nahi Gara (++ =) int fun() EKCAM) Task Functional Programming main() 1 2 -> fs 1 2 -> fs Longin interflun() out za reend; m = "

2 students Students -二) id= name age-=) DEase to Implement X n6.0 f_ sub. 2 Easy to Extend X -> X 3 Maintanance X

> 00 rs father Alar Ky)) The program, g Real life vole Student -> Real life rolp) name Behavion -> marks -> 5tmdy() -> nos -> cheating () -> Bunk ()
-> Gameing 1)

Class Student E. > Properties. State attribute. int id; int age; string name; int nosj Void Study Behavions method Vuid Bunl(1) Void gaming()

3

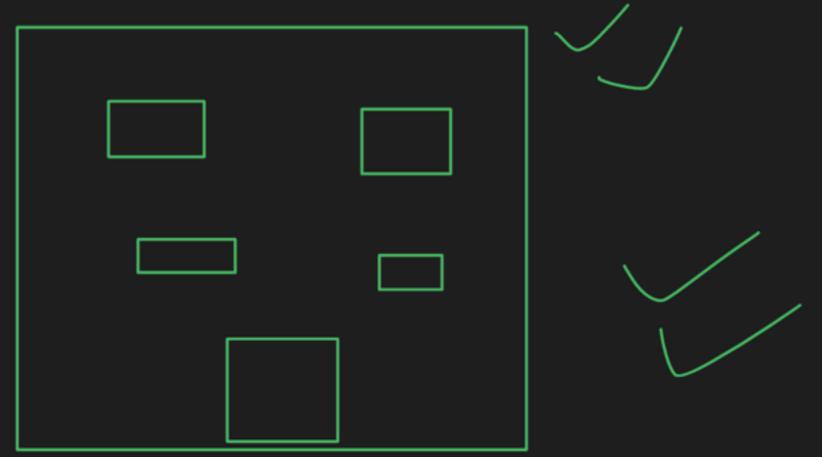
Shident Blueprint

-) Object -) instance of a class

8 Blue Print ele Schoot Kesa hogq ->> play for T) Teachans 1) Students - Time Table m) Labs -) Burtang 4 department -) Clas ruons

School Bluepont

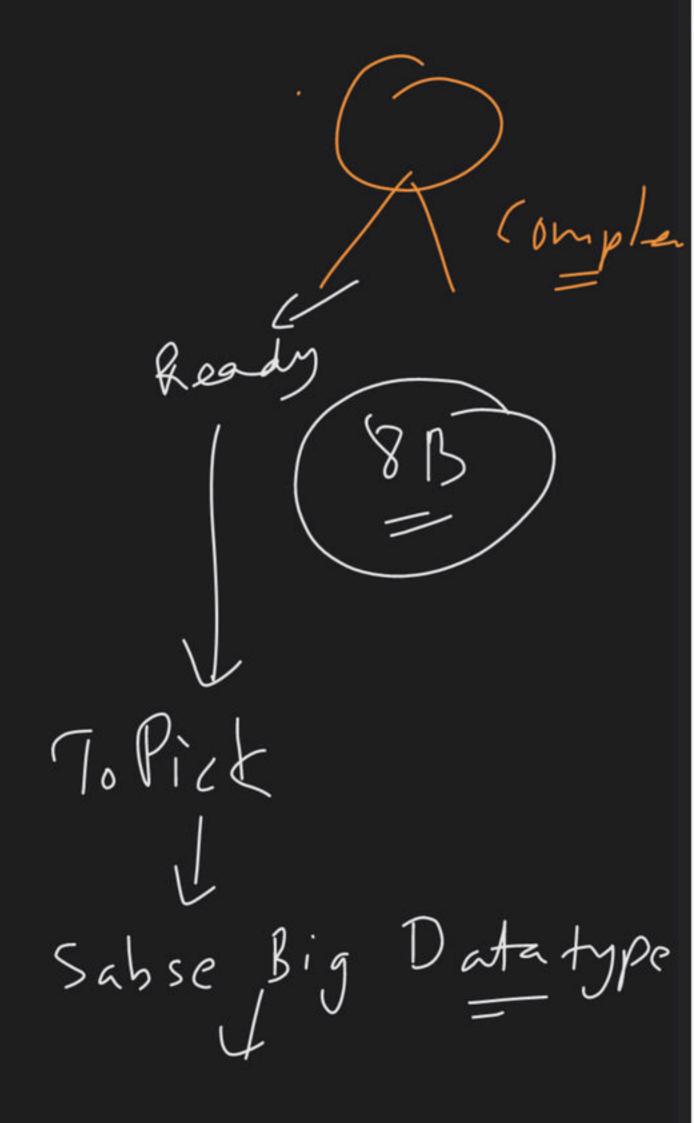
A-) me ele school Barang



=) {\ programing 3) Object Oriented Programing -> Object bantehonge L Object 51 Props Behavian Dubi 25 Beh_

Regits bool -> 13 clas

8+8+(=17B 8 + 8 + (1+7) = 24B



=) Bhaya -> - (1) Sabse Big datatype (2) Align Sum of datatype in the Boundary of Sabse Bada datatyre

2 min Break / Se We Kro don't go into (ar) . chala implementation we things in Abstract way

24 48 muliple b00 Paddire

double domble Char boul ade Botalipe Le nearest multiple pe parle Mummy L) reethe Bones Picker life -> har Insan Kuch Opublic info 2) Private into X 3 Protected info Shident Coding -> Student (

=) By default private hou L) Must be alway jo chize public

Kan page

Access Modifien =>

Define scope of

Shotart

nane id nos of Student SI; SI. nane = "aoli" SI. age = 12;

Only & in the class Ctt. Constructor() that has No return the (tor =) it construct an instance of clan-

member data -) attributes gt Private Xmis Ctor (gf) main) mis > gf = gf; Student 51(-..., chutki") tyr37,7: This pointer-) That points at Courrent object

This ptr -) added By Compiler Privately V Studend SI; 5 had and 52

Intai Stack RR Student SI; Kaha allocate??? Laka allocate??? Stack neap int int *a = new ind (5); Latate & daype*

Student heap Student + S = New Student Shident

Shadend SI(---)

Stack

-) Obj -> Stack

SI. name

Statent * Sy = her neap. Sy-name; #Sy, name,

Nont
 (opy ctor
 getter/setter

h.W/ comt.

2) Static

(3) imitalization Jist

Macy6

T) Kal Ki Class

2 PM) 7.7

9 pm













