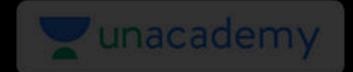






Introduction - Part I

Comprehensive Course On C++

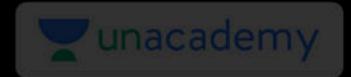


CS & IT Engineering

C++ Introduction



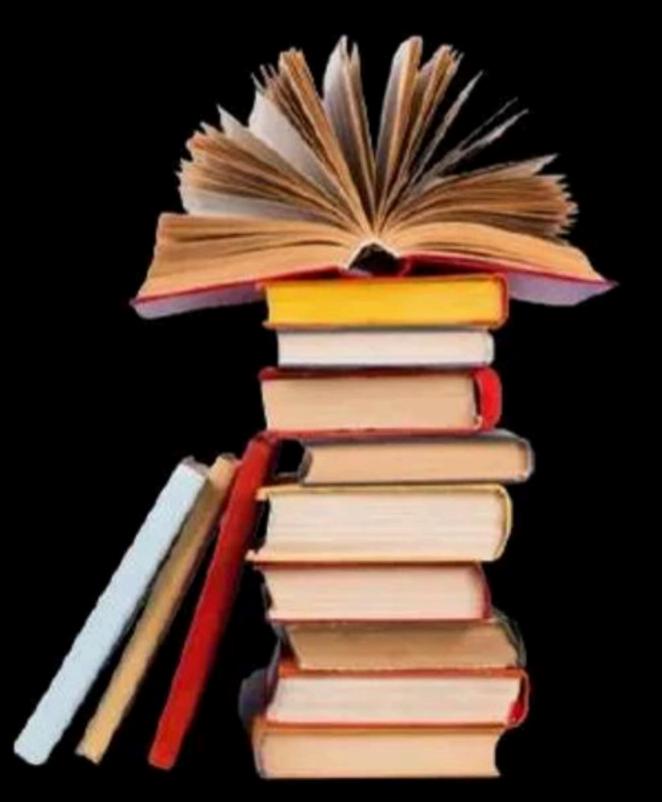
By- Pankaj Sir





Topics

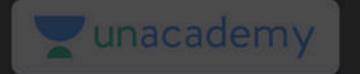
to be covered

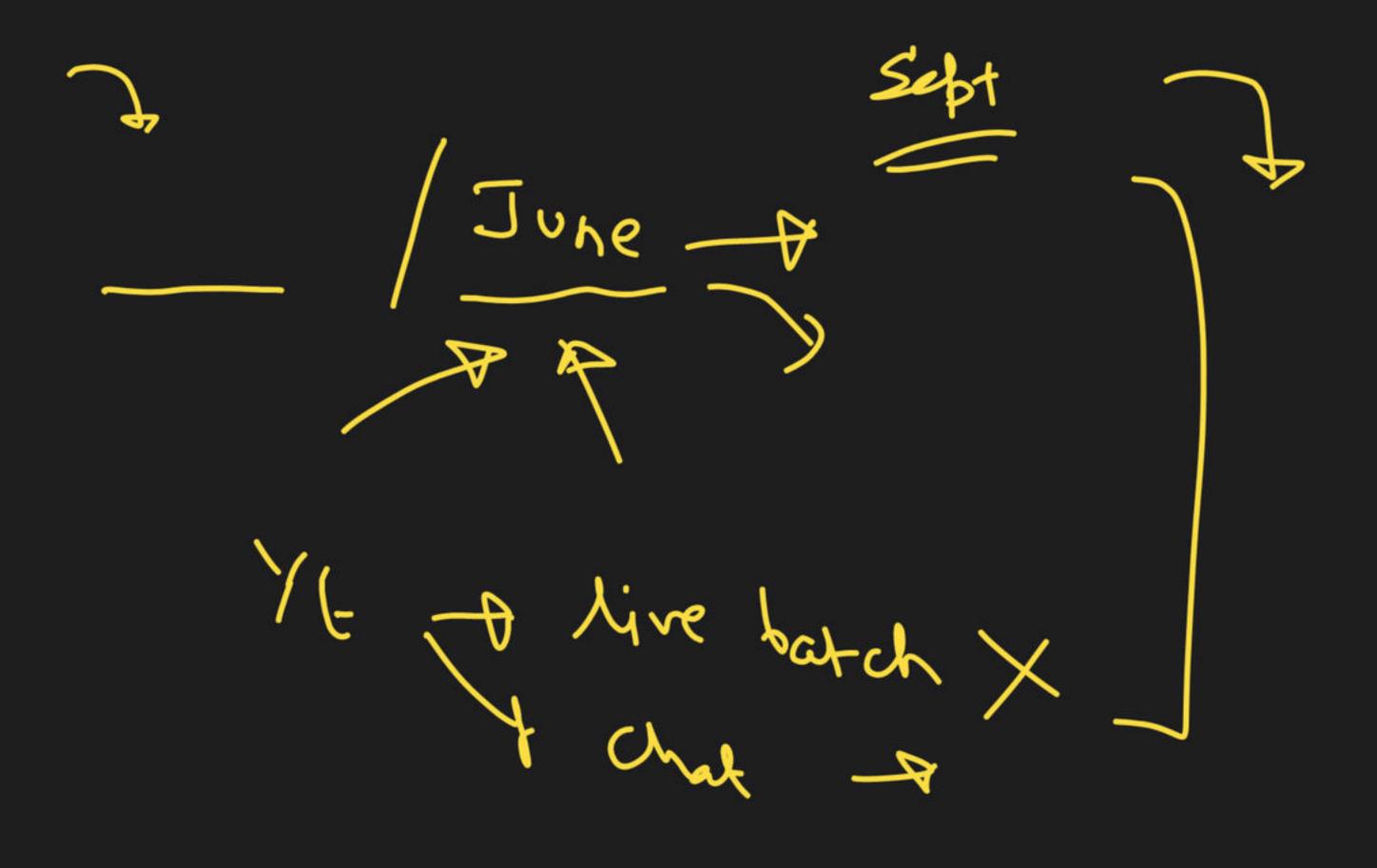


1 Introduction part -I

Mon to Friday -8 weeks X5 > 40 classes Mon to son - 8 weeks X7 = 56 classes 70675 × 2-3 C 655555

10/3 × 2-3 classes
44 + 16 -> (40 classes) 35mapril
12 aff







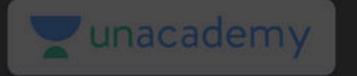
C++

07:36 - 08:30 AM

Changuage Robert Laforer

C++ So-1. done
Cmprove, pract, revision

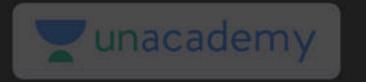
Object, class, why?



Hobbry

D C larguage -

1972 TBTA Dennis Ritchie Unix OS develop >6 bular & efficient powerful



2 AT&T; B. Stroustrup

SIMULAIDE 1St Object oriented PL SIMULA 67

5 mall medium - C

large - 60 concepts 00 PL

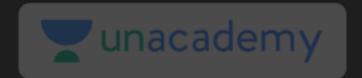
Di Maintenance x b) reusability x



00 concept Not Efficient SIMULA1, SIMULA 67 => Not fobular, Not towerful > Efficient, fouer tul No oops concept

C + so feature (add) = (1

•



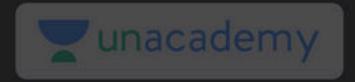
2017

C with classes

Containing Object oriented feature.

1983: C+L 1998 2003 2011 2014

(++ + increment/Modify obserator)
(with modification)



(++

- (1) Object Obiented PL.
- (2) C++ is a superset of (lang.
 - a) Console based app
 - P) GNI
 - c) Web app.
 - el Mobile application. OS

2 object Onewad (oncetiunacademy &

a) Procedure Oriented b) Object onented

Clanguage: Procedure oriented

C++: Object onented.

CHI is a Also procedure oriented supersed of

C/Java, Python, CHI

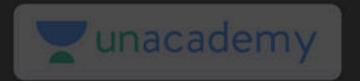
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C > Lonctions

ink main()

Small _

Task/Proint

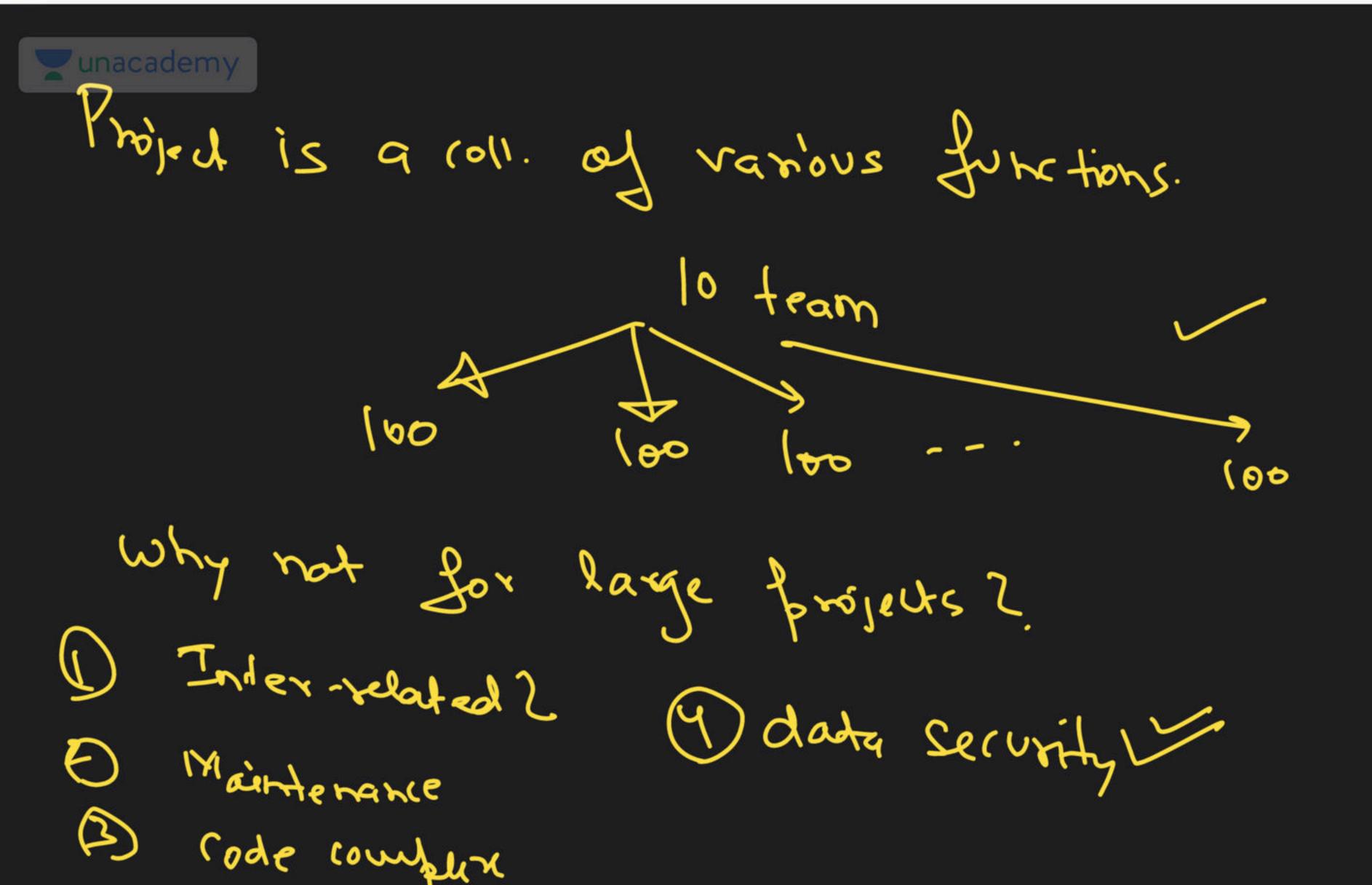


Project Procedux Dank 2 Hospital o hented 3) Institute

1 function

a) Account opening b) Balance e) withdrawl d) Acc-wodate

many such tasks



5/W

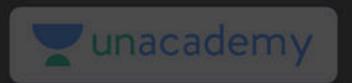
Client Juser Customer

> Hospital
> College

Bank

al Doctert El Patient

9) Teacher b) Student

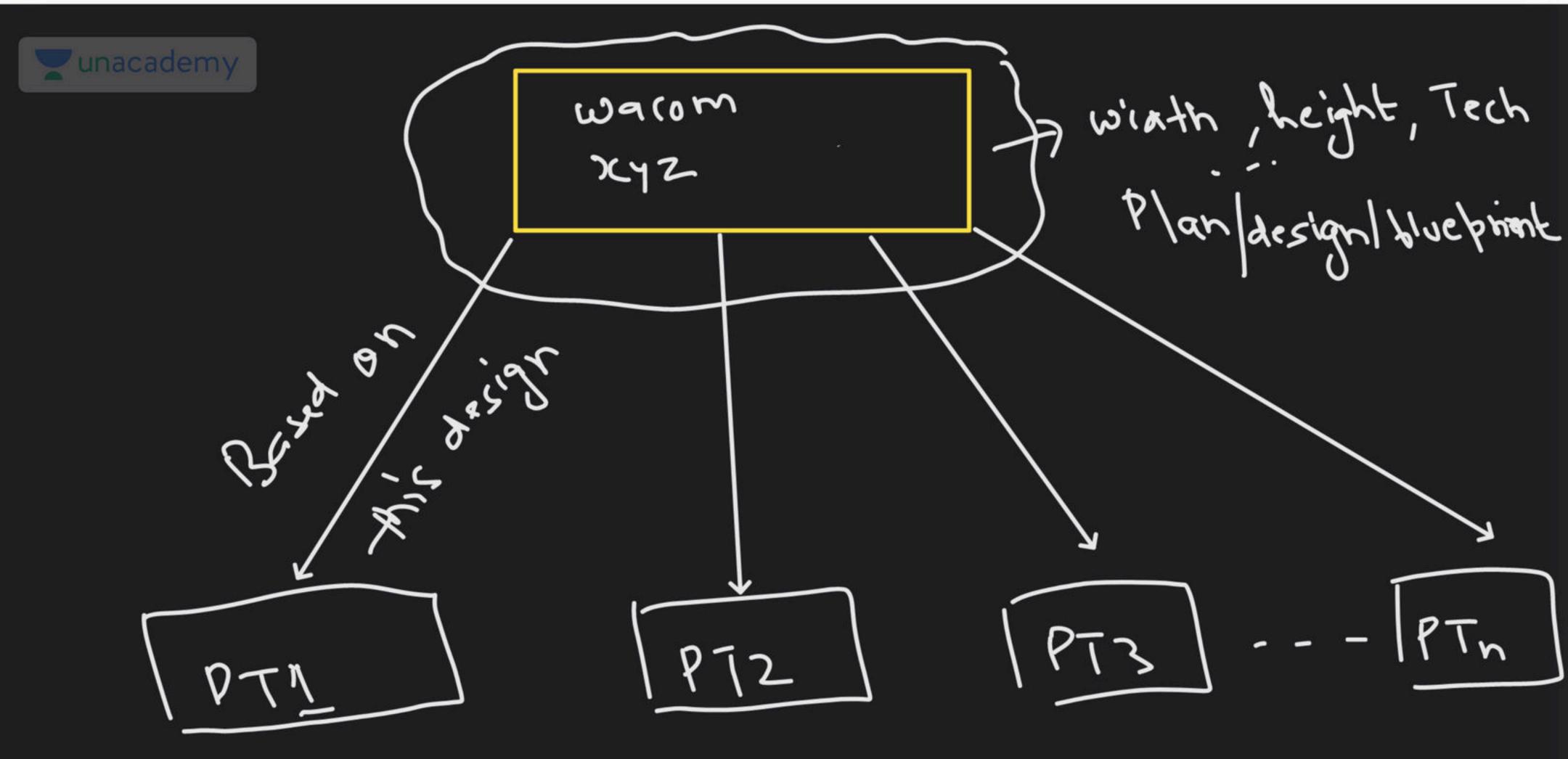


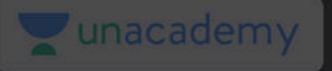
Teacher: A group D) Pankaj sharma is an example of Teacher. YZJ Rahul Joshi is an ex. of Tracher 3) Antil Doyla is an ex. /instance of Teacher

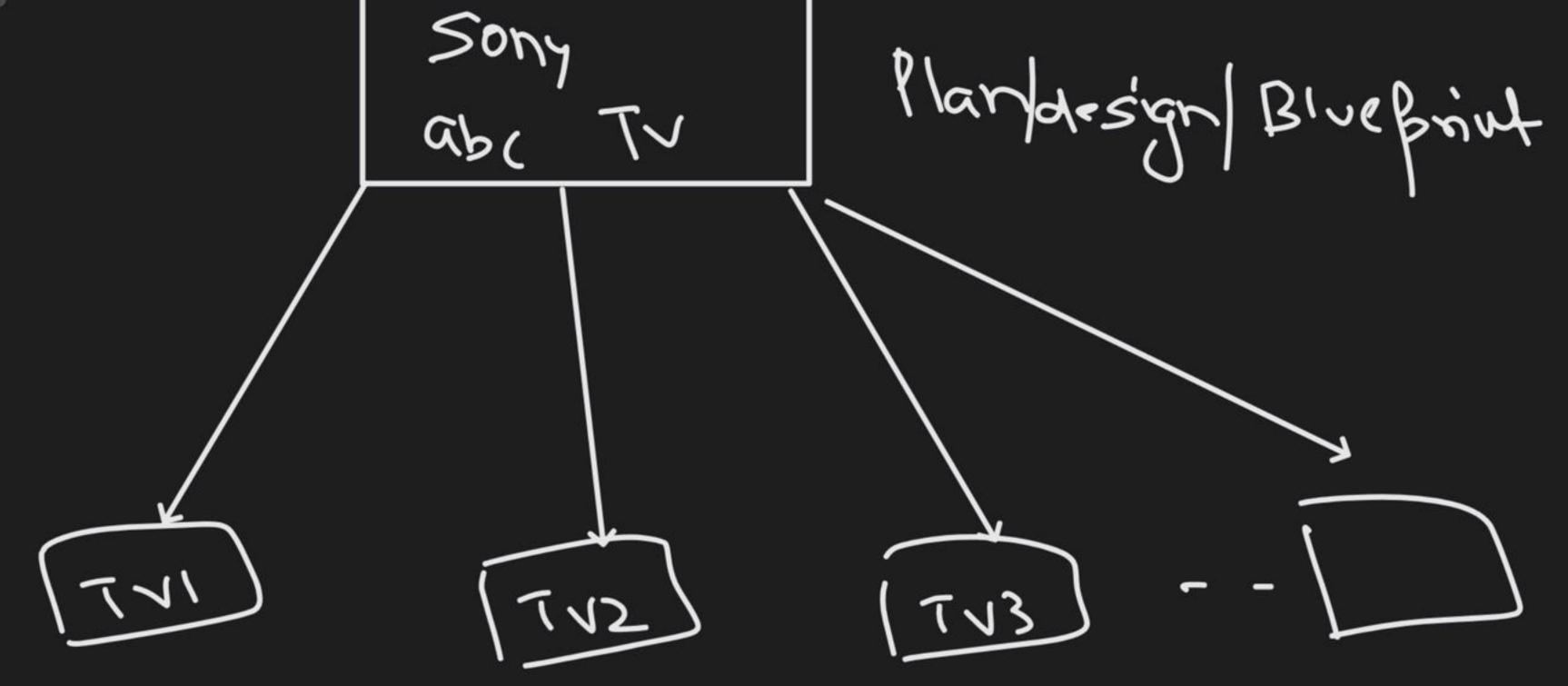
Object/class

Student:

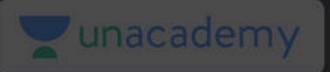
DNilesh 21 Saibal 31 Aditya

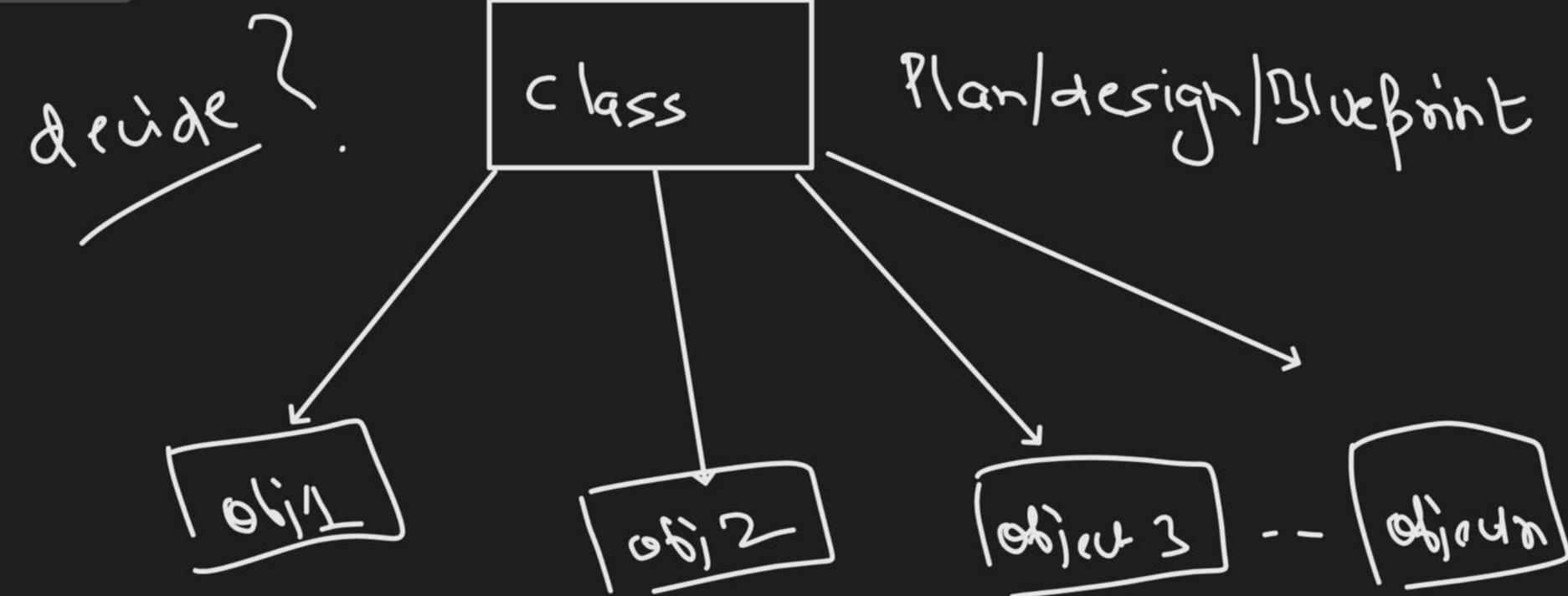


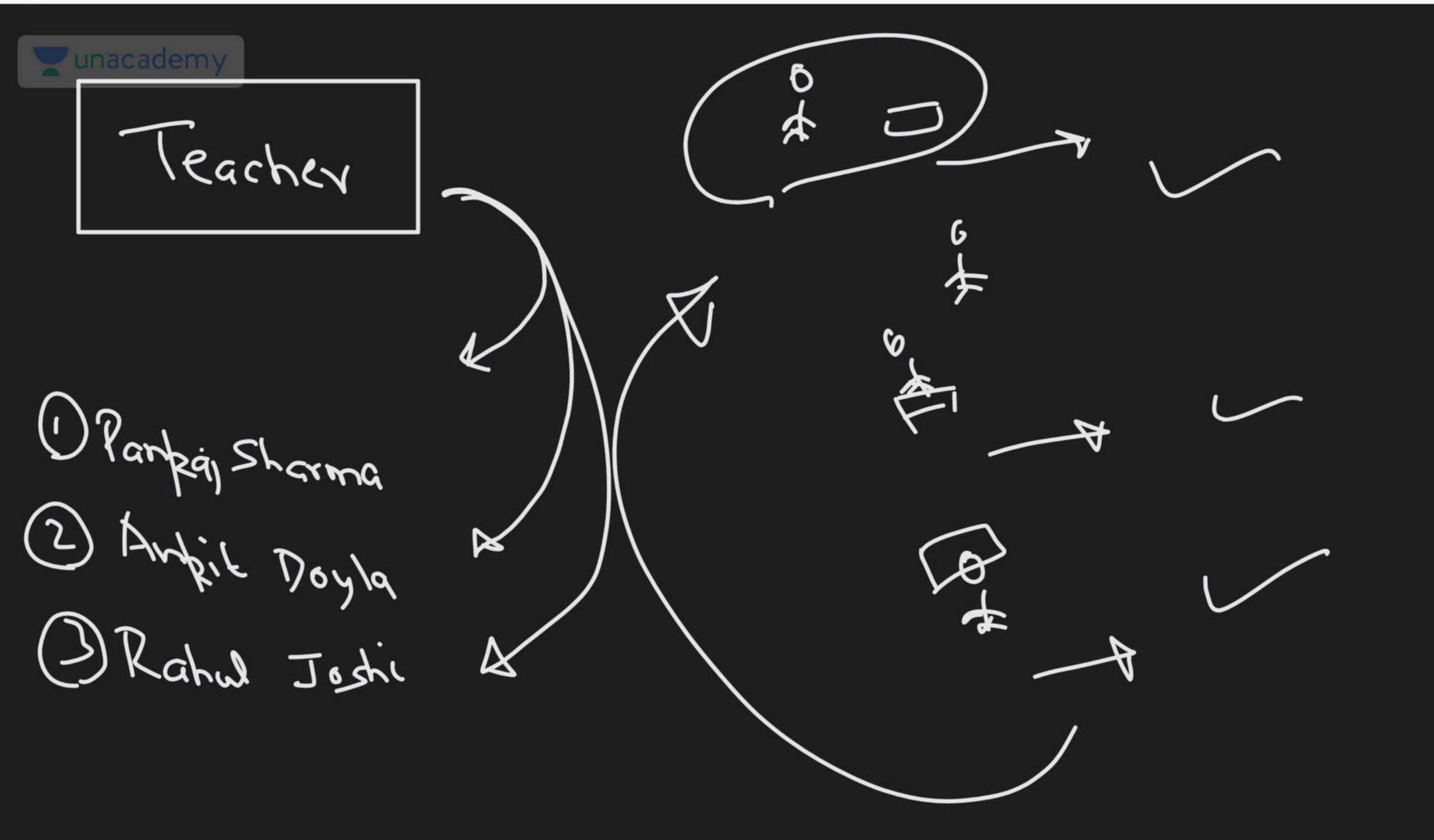


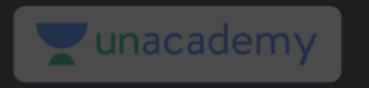


C/955 Ohle a C/255 Heso Honda Plandesign Blue frint 15 (reated Opjer Cecerting









affilutes

Teacher

Name 2) fuln'4p 12 Ge in which Qualification Tryerested Exb. Maritul Status Per's Name X Mama it, In

actions methods/ Somethours

playing() X Chillian) X Eating() X Tc4ching()



Thorag to Friday







THANK YOU!

Here's to a cracking journey ahead!