Programming Pasadigme Procedural programming Acces Modifier.

Style or standard way to write a program.

W/o programming paradigm.

1) hers structured 2) Hard to read & understand 3) Hard to test 4) Difficult to maintain

Types & Programming Paradigms. 1) d'imperative Programming.

Eq: int a = 10; int b = 20; int sum = a + b; print (esum); int diff = a - b; print (diff);

2) Procedural Programming Splits the entire program into pro

Splits the entire program into procedures or functions (Section of code that performe a specific text) which are recorded.

int a = 10's
int 5 = 20's
add Two Numbers (a,5)',
subtract Two Numbers (a,5)',

void add Two Numbers (a, s) 1

Print (a+5);

void subtractotwo Numbers (2,5) d Print (2-5);

3) Object Oriented Bograming

4) Déclarative Programming. SOI > Select * from Curtomens;

Procedural Programming

void add Two Numbers (a, 5) d

int sum = a+5;

print (8um);

void add Three Numbers (a, 5, c) d
int sum = a+5+c;
print (sum);

void mais () x add Three Number (10,20,30); Pooblems with PP. 1) We are studying 2) Ayush is Leaching 3) We are Seing taught progr. para. Subject Verb.
(Someone is doing something) Print Student (String name, int ge, Stij gender) print (name);
print (age);
print (gender);

Stancture Struct Student String name; int age; String gender; Print Student (Student st) & print (st. name); print (st. ge); print (st. gender); Student Someone print Student Something > Procedurel OOP:) Software Systems should count of entities

2) Each entity controls its affricate & also a defined Schavioux

class Student &

class Student &

String name;

int age;

String gender;

void point Student () &

point (age);

point (name);

6

00 PS

=> Entities are core in OOPs => Every entity has some attributes & behaviour. Classes & Objects (entities)

Class: Blueprint.

5 floor plan of the appartment.

class Student &
int age;
String name;
String batch;
double psp;
change Batch ();
pawe Coose ();
give Mockentonias ();

Object: Real instance of Class.

Pillan of Osject Unientel Proj. Principle. 3 pillan E Support fundamental foundation/ to hold thing concept together. Principle » I will be a good person. I will be truthful I will do herdwork (100%, PSP) I will respect everyope Alestraction V Principle > Inheniterne 500PS 2 Polymorphism 5 Encapsulation. Pillars. =>

Abstraction

Representing in terms of ideas. Abstraction is a way to represent complex software design in terms of idees. De What needed to be separated in terms of idees Data 2) Anything that has behaviours. Eucapsulation Capsule. I of capsule souls:) It flows aways. : Hold the medicine together 2) Multiple powders: Prevent mixing w/t each other.

3)	Protest medicine from outside world.
	Encepsulation in OOPS
5	Store together
	Attribute Behaviours.
2)	Where do we store them together
	Class.
3	Protection from ontside world.
	Other cleries.
	· · · · · · · · · · · · · · · · · · ·
	Access Modifiers.
\wedge	$oldsymbol{\wedge}$

Access Modifiers.
Parklie

Prosted: Inheritence Private

Default (when you don't use any access modifier) "His" Keyword. refers to the current object Corentes > constante $\rightarrow \times /. M \rightarrow \times M$ 1012 / 108 0,55,1108

(M)