

String Builder is totally based upon bullder Design Parthom. It is a creational Design pattern, helps in creation of another object/entity. Houseful Broken Solved by one Builder Design Partien.

public class Students Callel bbo

noll Number;) only mandatory field age;

String name; { Rest of the fields one optional?

us the concrete Object String I father Name;

List (Stoling) so blects

String mobile Number,

public Student (int roll Number, intage, String name) { eman grands

police Study Boulder So many Constructor variation because of optional fields philosthebute trabute subject

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policis Student (int Incl Number Storing name, Storing father's Name)

public Student (int Indenventer, String name, String mother Name) } this will give compilation enoral.

Builder design pattern (reades Object Step by Step. String Boildon is totally build upon bullian Mestain Porthons lets say creation of House Object. It cannot Example House Object. le Just constructed add Roof () -> Housebuilder Object is House builden Object is method returns a add Door () > House Gulden Object is return House Builder Object? add Walls () > Nouse Gulder Object vogaruz House ... house builden build () of returns the Heise Object Object This House buildon is an intermediate Object which reforms 1 public abstract class Student Builders us the Concrete Object-Int nollNo) (3 Disadarantage of public class Student } String name; Sel Code Dupli cation int nollNo; Int aigh; Sman prints? String name; public StudentBuilder set nollNo (-) this-Toll No = Toll No Public Student (Student Building Guilder) >1 this rollno = builder. Tollno pullic StudentBuilder setAge (- - -) { this name = bulder name mane this age = age

Pulse Dain later

pullic Ideas Region Difference between Decarator Pattern and Builder Builden. Decarator \$133as Base pizze 7 abstract Class test Base oust; both int cheesesuce int mushroom pleas (has-a) Toppings extends Base Pizga Base Pizza pizza PizzaBullden } Base P138a pi33a = new Mangharita(); these are being added by pigga = new Mushroom (pigga); at the Pizzabullan. pizza frew Mushroom (new Cheese (pizza))); 6 Whatever this returns is still a But when we do pizza only and can be modified Mizza Birlder - build () dynamically We cannot modify it Storoctoral Design Pathern Creational Design patton. Creating Complex Structury