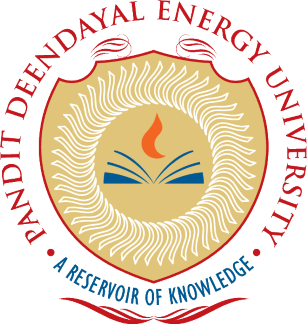
Design Pattern Lab

(20CP210P)

Assignment 2



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Builder Design Pattern

* Class Main
* public class Main {  
   public static void main(String[] args) {  
   Collage pdpu = new Builder().setName("PDPU").setRank(1).setFees(240000).setCity("Raysan").getCollage();  
   System.*out*.println(pdpu.toString());  
   }  
  }
* Class Collage
* public class Collage {  
   private String name;  
   private int rank;  
   private String city;  
   private int fees;  
    
   public Collage(String name , int rank , String city , int fees) {  
   this.name = name;  
   this.rank = rank;  
   this.city = city;  
   this.fees = fees;  
   }  
    
   public String toString(){  
   return "Collage name :->" + this.name + " Collage NIRF Rank -> : " + this.rank + " Based on ->" + this.city + " City " + " Fees :->" + this.fees ;  
   }  
    
  }
* Class Building
* public class Builder {  
   private String name;  
   private int rank;  
   private String city;  
   private int fees;  
    
   public Builder setName ( String name ) {  
   this.name = name;  
   return this;  
   }  
   public Builder setRank ( int rank ) {  
   this.rank = rank;  
   return this;  
   }  
   public Builder setCity ( String city ) {  
   this.city = city;  
   return this;  
   }
* public Builder setFees ( int fees ) {  
   this.fees = fees;  
   return this;  
   }  
    
   public Collage getCollage ( ) {  
   return new Collage( name , rank , city , fees );  
   }  
    
    
  }
* Output

