-Singleton

public final class Database{  
 public String value;

private static Database *instance*;  
  
 private Database(String password) {  
 try  
 {  
 Class.forName("org.postgresql.Driver");  
 con = DriverManager.getConnection("jdbc:postgresql://localhost:8080/" + dtb,"password",password);  
 }  
 catch (InterruptedException r)  
 {  
 r.printStackTrace();  
 }

}  
  
  
 public static Database getInstance() {  
 if (*instance* == null) {  
 *instance* = new Database();  
 }  
 return *instance*;  
 }  
}

public class Main {  
 public static void main(String[] args){  
 Scanner sc = new Scanner(System.*in*);  
 Database foo = Database.getInstance();  
 Database bar = Database.getInstance();  
 }  
}

Builder

public class Car {  
 int seats;  
 String engine;  
 boolean navigation;  
 boolean location;  
}

public class Builder {  
 private int seats;  
 private boolean computer;  
 private String engine;  
 private boolean GPS;  
  
  
 public int getSeats () {  
 return Seats;  
 }  
  
 public boolean getComputer () {  
 return Computer;  
 }  
  
 public String getEngine () {  
 return Engine;  
 }  
  
 public Boolean getGPS() {  
 return GPS;  
 }  
  
 private Builder(Builder builder) {  
 this.seats = builder.seats;  
 this.computer = builder.computer;  
 this.engine = builder.engine;  
 this.GPS = builder.GPS;  
 }  
  
 public class Builder {  
 private int seats;  
 private boolean computer;  
 private string engine;

private boolean GPS;

}

public void reset() {  
 builder = new builder();  
 }  
public void setSeats(int numberofseats) {  
 builder.seats = numberofseats;  
 }  
public void setEngine(String engine) {  
 builder.engine = engine;  
 }  
public void setComputer(boolean navigation) {  
 builder.navigation = navigation;  
 }  
public void setGPS(boolean location) {  
 builder.location = location;  
 }

}  
}

Factory

public interface Button {  
 void render();  
 void onClick();  
}  
  
public class HtmlButton implements Button {  
  
 public void render() {  
 onClick();  
 }  
  
 public void onClick() {  
 System.*out*.println("Clicked");  
 }  
}

public class WindowsButton implements Button {  
 public void render() {

}  
 public void onClick() {

System.*out*.println("Clicked");  
 }  
}

public abstract class Dialog {  
  
 public void renderWindow() {  
 Button okButton = createButton();  
 okButton.render();  
 }  
 public abstract Button createButton();  
}

public class WindowsDialog extends Dialog {  
  
 public Button createButton() {  
 return new WindowsButton();  
 }  
}

public class WebDialog extends Dialog {  
  
 public Button createButton() {  
 return new WeblButton();  
 }  
}

public class Application {  
 private static Dialog *dialog*;  
  
 public static void main(String[] args) {  
 *configure*();  
 *NotFound*();  
 }  
  
 static void configure() {  
 if (System.*getProperty*("os.name").equals("Windows 10")) {  
 *dialog* = new WindowsDialog();  
 } else {  
 *dialog* = new HtmlDialog();  
 }  
 }  
  
 static void NotFound() {  
 *dialog*.renderWindow();  
 }  
}