

# ***Types of design pattern***

**1-creational design pattern** a way to provide object

1-1 Abstract factory

1-2 Builder

1-3 Factory method

1-4 Prototype

1-5 Singleton

**2- Structural design pattern** concern class and  
object composition

2-1 Adapter

2-2 Bridge

2-3 composite

2-4 Decorator

2-5 Façade

2-6 Flyweight

2-7 Proxy

### **3-Bahvioral design pattern** this design pattern

are specifically concerned with communication  
with object

3-1 chain of responsibility

3-2 command

3-3 interpreter

3-4 iterator

3-5 mediator

3-6 memento

3-7 observer

3-8 state

3-9 strategy

3-10 template method

3-11 visitor

**J2ee :MVC**

