What are design patterns?

Design patterns are general solutions of common problems while developing application or module. These are not complete solution of problem, they are template of solution.

Categories of design patterns: -

1) Creational patterns - These patterns deal with object creation approach.

Abstract pattern, Builder, factory method, singleton

2) Structural patterns

3) Behavioral patterns

Creations Design patterns

1) Builder design pattern - separates the construction of a complex object from its representation so that the same construction process can create different representations.