

编号	Design pattern	Class/ Interface API	Framework 完成分	Sample Program完成度
1	Abstract Factory Pattern	Animal: Animal,productAbstractFactory, ChickenFactory,Egg,Chickenmeat; Plant: getRice, getCorn, getPasture		
2	Adapter Pattern	Petdog,petdogsleep,c2sleep		
3	Bridge Pattern	Animal,ExerciseAction,RunAction,FlyAction,SwimAction,Pig,Sheep,Fish,Chicken		
4	Builder Pattern	Building,Builder		
5	Chain of Responsibility Pattern	Animal,ShowerAction,c1shower,c2shower,c3shower		
6	Command Pattern	Broker, Order, RaiseChicken, RaisePig, RaiseFish, RaiseSheep		
7	Composite	pollinate		
8	Decorator Pattern	People, Farmer, Employee, FarmerDecorator		
9	Facade Pattern	Farmer, RaiseChicken, RaisePig, RaiseFish, RaiseSheep		
10	Factory Method Pattern	Fertilizer, OrganicFertilizer, InorganicFertilizer, FertilizerAbstractFactory, OrganicFertilizerFactory, InorganicFertilizerFactory		
11	Flyweight Pattern	Farmer, Employee, EmployeeFactory		
12	Interpreter Pattern	Interpreter, inpreter		
13	Iterator Pattern	Employee, AnimalList, Iterator		
14	Mediator Pattern	stamenAffectPistil, pistilAffectS		
15	Memento Pattern	Animal,Memento		
16	Observer Pattern	Employee, ProduceAnimal, Petdog		
17	Prototype Pattern	Animal: Animal,BreedAction,Chicken,Fish,Pig,Sheep; Item: BuildingForPeople, ExquisiteBuilding, LuxuryBuilding, SimpleBuilding		
18	Proxy Pattern	Employee, Farmer, ProduceAnimal		
19	Singleton Pattern	Animal: Animal,Petdog; Person: Farmer; Item: FarmAddress		
20	State Pattern	moveToNext		
21	Strategy Pattern	Animal: FlyAction,RunAction,Chicken; Plant: SpontaneousPollination, ArtificialPlooination; Item: BuildStrategy, ExquisiteBuildStrat, LuxuryBuildStrat, SimpleBuildStrat		
22	Template Method	Animal: SleepAction,c1sleep,c2sleep; Plant: fertilized, harvested; Item: BuildingConstruction, HouseConstruction, PlantFieldConstruction, AnimalFoldConstruction, StorageConstruction		
23	Visitor Pattern	Farmer, EmployeeVisitor		