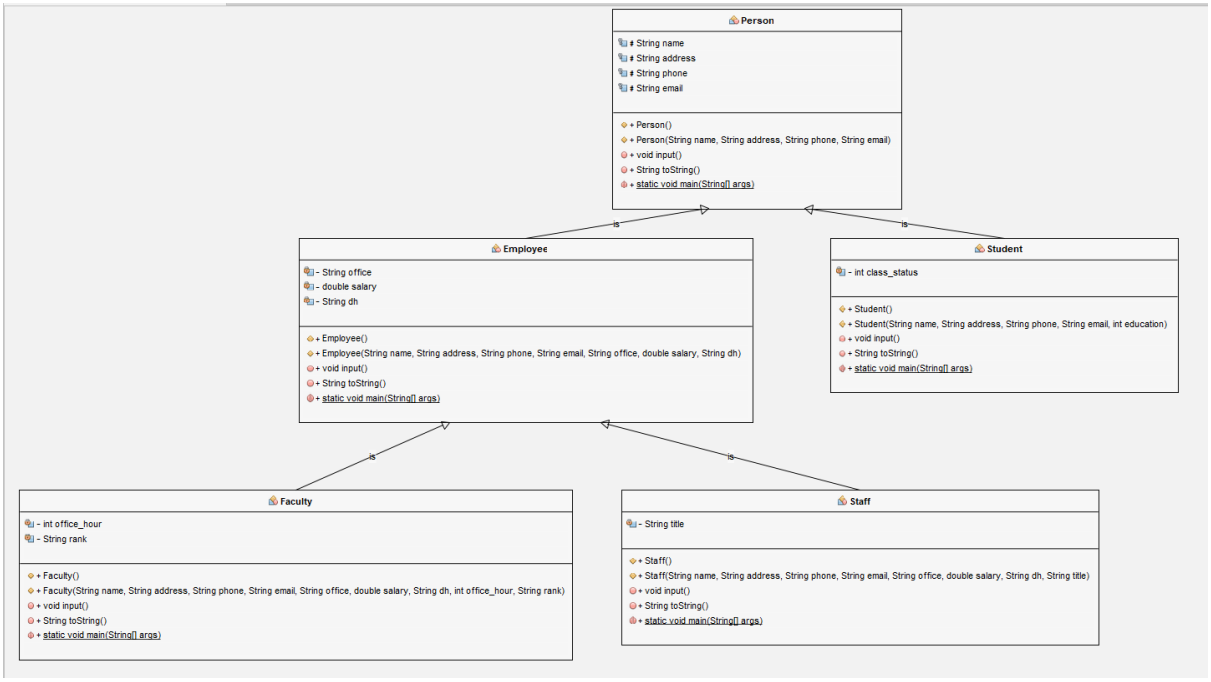
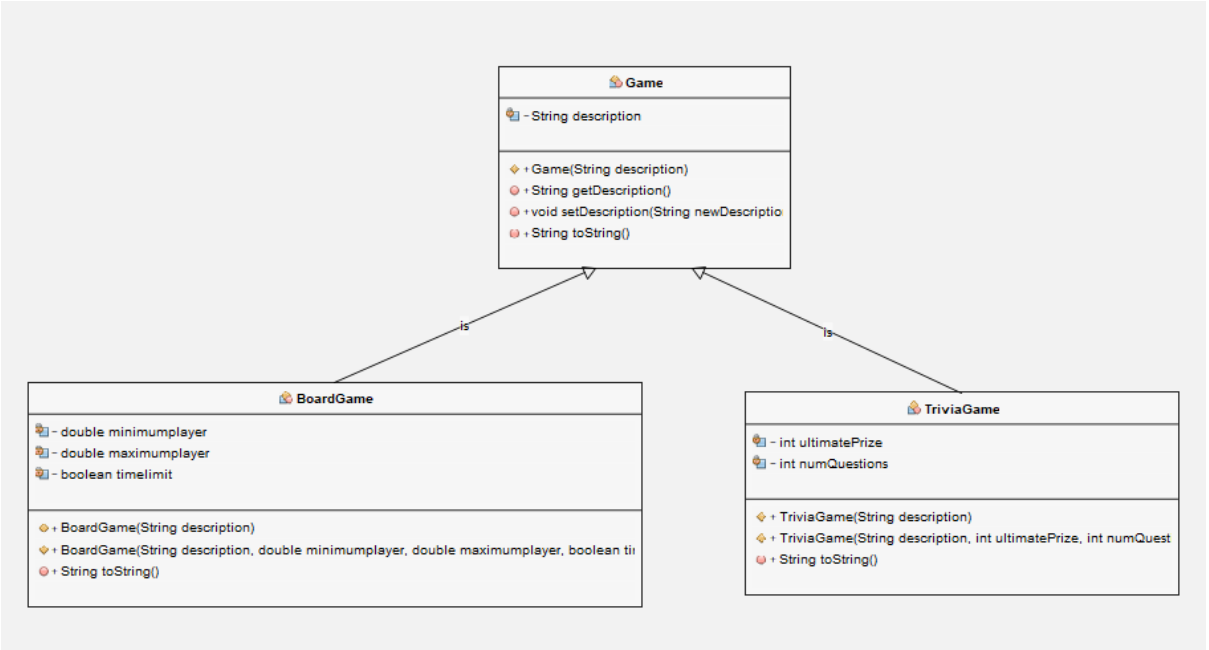
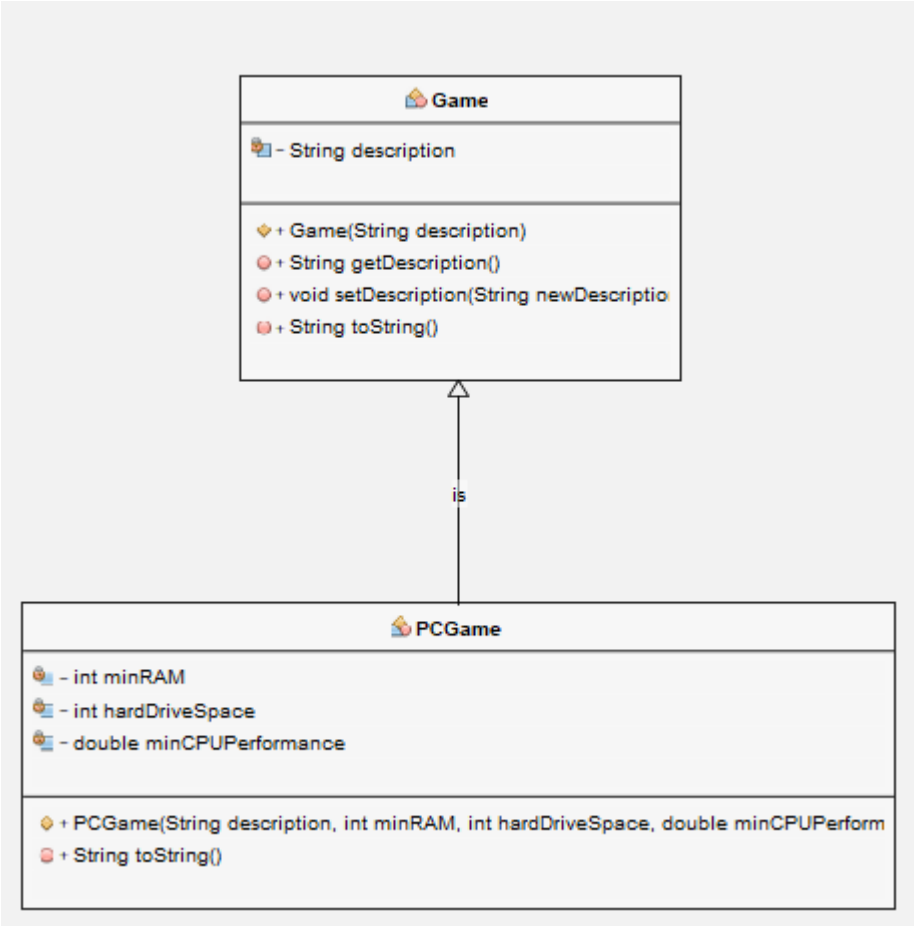
LAB07 - UML

1.Ex1

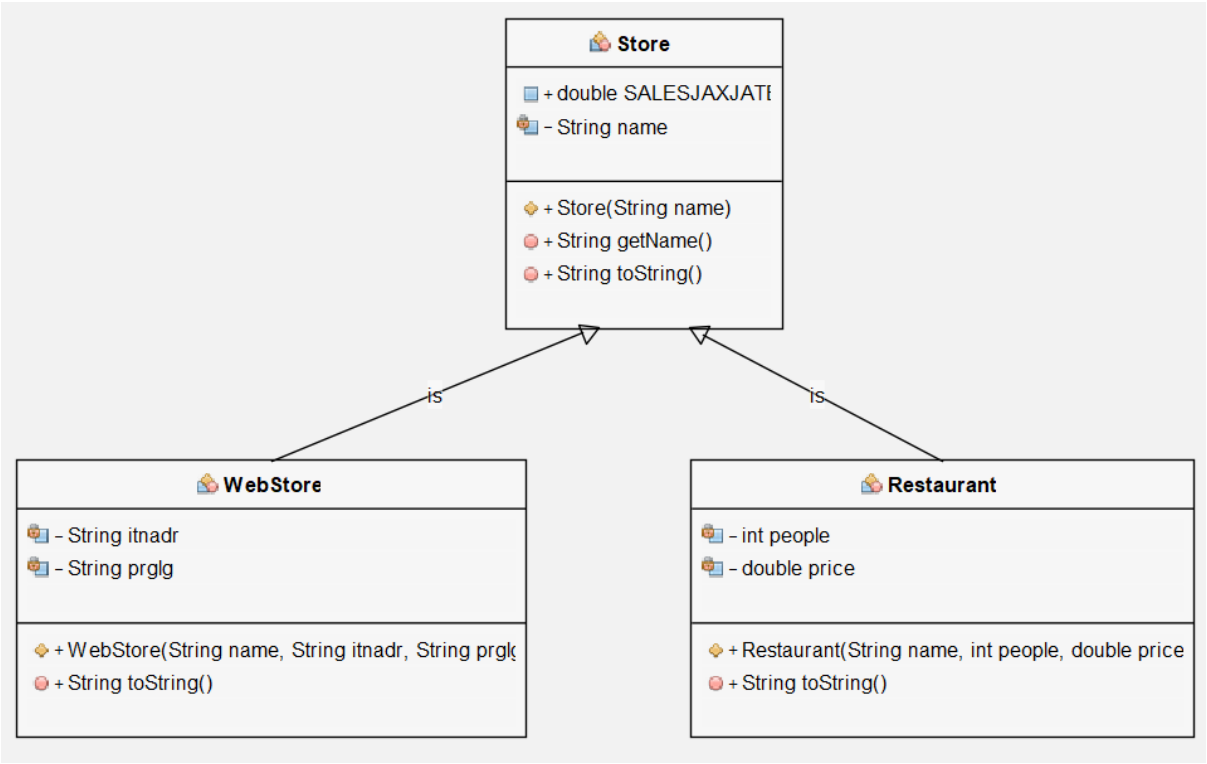


2. Ex2-4

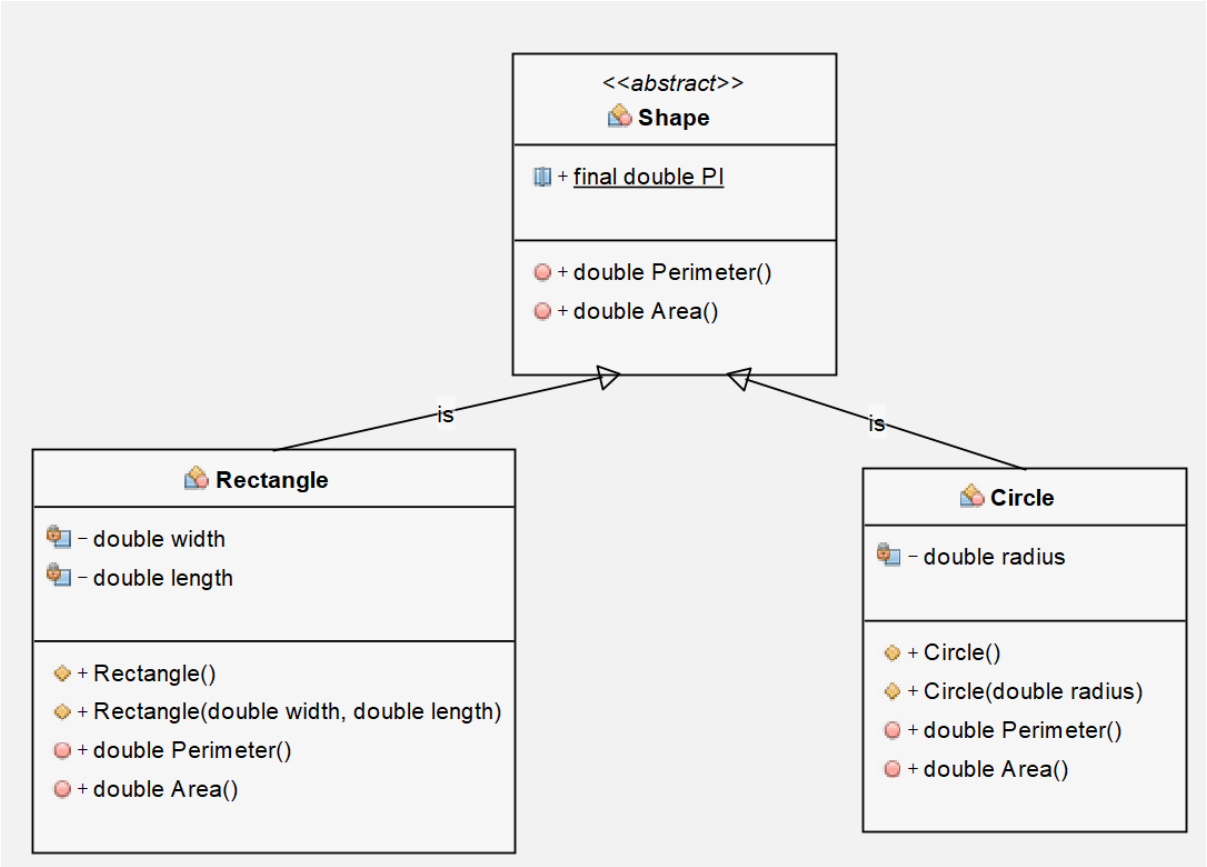



Game
- String description
+ Game(String description)
+ String getDescription()
+ void setDescription(String newDescriptio
+ String toString()
is
PCGame
- int minRAM
- int hardDriveSpace
- double minCPUPerformance
+ PCGame(String description, int minRAM, int hardDriveSpace, double minCPUPerform
+ String toString()

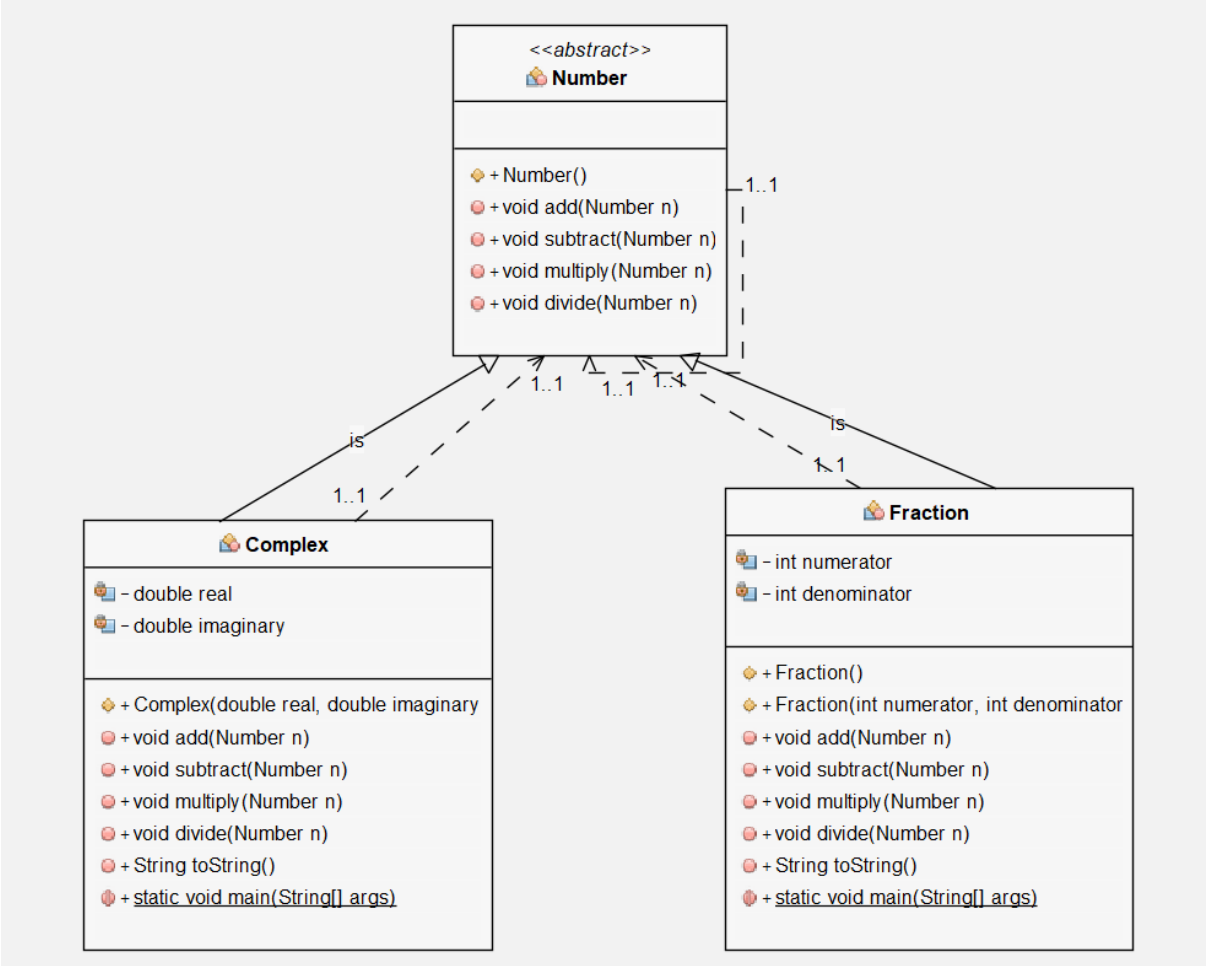
3.Ex5-6


Store
+ double SALESJAXJATI
- String name
+ Store(String name)
+ String getName()
+ String toString()
is
is
WebStore
- String itnadr
- String prglg
+ WebStore(String name, String itnadr, String prgl
+ String toString()
Restaurant
- int people
- double price
+ Restaurant(String name, int people, double price
+ String toString()

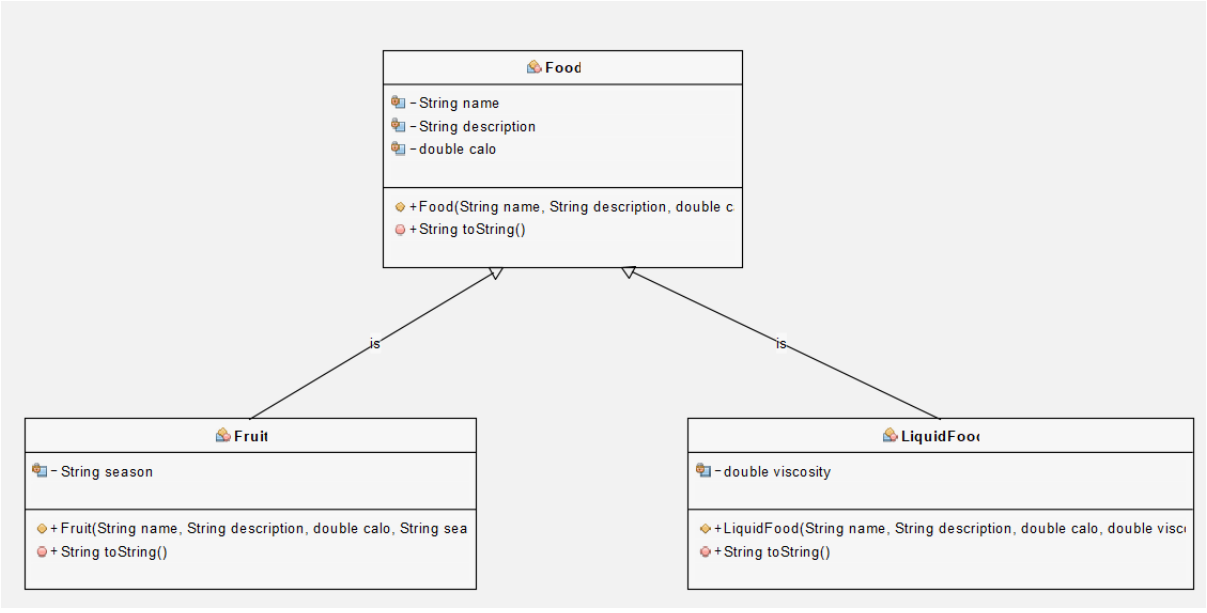
4.Ex7


<<abstract>>
Shape
+ final double PI
+ double Perimeter()
+ double Area()
is
is
Rectangle
- double width
- double length
+ Rectangle()
+ Rectangle(double width, double length)
+ double Perimeter()
+ double Area()
Circle
- double radius
+ Circle()
+ Circle(double radius)
+ double Perimeter()
+ double Area()

5.Ex8


<<abstract>>
Number
+ Number()
+ void add(Number n)
+ void subtract(Number n)
+ void multiply(Number n)
+ void divide(Number n)
1..1
1..1
1..1
1..1
is
1..1
is
1..1
Complex
- double real
- double imaginary
+ Complex(double real, double imaginary
+ void add(Number n)
+ void subtract(Number n)
+ void multiply(Number n)
+ void divide(Number n)
+ String toString()
+ static void main(String[] args)
Fraction
- int numerator
- int denominator
+ Fraction()
+ Fraction(int numerator, int denominator
+ void add(Number n)
+ void subtract(Number n)
+ void multiply(Number n)
+ void divide(Number n)
+ String toString()
+ static void main(String[] args)

6.Ex9


Food
- String name
- String description
- double calo
+ Food(String name, String description, double c
+ String toString()
is
is
Fruit
- String season
+ Fruit(String name, String description, double calo, String sea
+ String toString()
LiquidFoo
- double viscosity
+ LiquidFood(String name, String description, double calo, double visc
+ String toString()