5.

abstract class Shape {

abstract void draw();

}

class line extends Shape{

void draw() {

System.out.println("draw line.");

}

}

class cube extends Shape{

void draw()

{

System.out.println("draw cube...");

}

}

class rectangle extends Shape{

void draw()

{

System.out.println("drawing rectangle");

}

}

//calling main method

Class Basic{

public static void main(String args[])

{

Shape a= new line();

a.draw();

Shape b= new rectangle();

b.draw();

}

}

6.

package file;

abstract class Persist{

public abstract void persist();

}

class filePersistance extends persistance {

@Override

public void persist() {

System.out.println("data is being saved in in file");

}

}

class databasePersistance extends persistance {

@Override

public void persist() {

System.out.println("data is not being saved in in databse");

}

}

public class Persistence{

public static void main(String[] args) {

filePersistance p =new filePersistance();

p.persist();

databasePersistance p1=new databasePersistance();

p1.persist();

}

}