**Abstraction :**

**Abstract class :**

Complete overview of the particular task :

In front of the class if we declare a abstract keyword then it is a abstract class.

Abstract class contains abstract method which is a unimplemented method.

Abstract class contains unimplemented method and also a implemented method.

The implemented method we say it as concrete method.

We cannot create an object for abstract class.

Abstract class is not an 100% abstract , because it has unimplemented method and also a implemented method.

Sub class is the responsibility to implement the unimplemented method which is declare in the abstract class.

**Example :**

**abstract class Atm {**

**abstract void deposit() ;**

**abstract void withdraw();**

**void check() { // concrete method**

**System.*out*.println("everything is okay");**

**}**

**}**

**class Bank extends Atm {**

**@Override**

**void deposit() {**

**System.*out*.println("cash deposited");**

**}**

**@Override**

**void withdraw() {**

**System.*out*.println("cash has been withdrawn");**

**}**

**}**

**public class AbstractDemo {**

**public static void main(String[] args) {**

**// TODO Auto-generated method stub**

**Atm am;**

**Bank ab=new Bank();**

**am=ab;**

**am.deposit();**

**am.withdraw();**

**am.check();**

**}**

**}**