**Abstract** keyword

Abstraction is process of hiding of implementation details adding only functionality to the user.

Abstract class

A class that is declared with the keyword abstract having one more abstract method we can including concrete method.

Concrete method is not mandatory.

Abstract class can contain the abstract or non-abstract method.

**Abstract method**

A method which is declare with the keyword and doesn’t contain its implementation only method declaration is there.

Example

abstract class Animal{

    abstract void sound();

    void eat(String s)

    {

        System.out.println("I eat "+s);

    }

}

class Lion extends Animal

{

    public static void main(String[] args) {

        Lion L=new Lion();

        L.sound();

        L.eat("flash");

    }

    void sound()

    {

        System.out.println("Roar");

    }

}

The abstract class can not have objects and there require sub class to implement the abstract method by overriding them.