1. **package** annotation;

**import** java.lang.annotation.\*;

@Retention(RetentionPolicy.***RUNTIME***)

@Target(ElementType.***METHOD***)

**@interface** Test

{

String str();

}

**class** first {

@Test(str="Test Annotation")

**public** **void** testCase() {}

}

**package** annotation;

**import** java.lang.reflect.Method;

**public** **class** test1 {

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

first f=**new** first();

Method m = f.getClass().getMethod("testCase");

Test ts= m.getAnnotation(Test.**class**);

System.***out***.println(ts.str());

}}

Output:

Test Annotation

2. **package** annotation;

**import** java.lang.annotation.\*;

@Target(ElementType.***TYPE***)

@Retention(RetentionPolicy.***RUNTIME***)

**@interface** info

{

**int** AuthorsId();

String AuthorsName();

String Date();

String Time();

**double** Version();

}

@info(AuthorsId=33,AuthorsName="joy",Date="2/3/2012",Time="12:40",

Version=8.0)

**public** **class** Developer{

**public** **void** display() {}

}

**package** annotation;

**import** java.lang.annotation.Annotation;

**import** java.lang.reflect.Method;

**public** **class** annotation{

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

Developer obj=**new** Developer();

Class c=obj.getClass();

Annotation an=c.getAnnotation(info.**class**);

info i=(info)an;

System.***out***.println("Authors id:" +i. AuthorsId());

System.***out***.println("Authors name:"+i. AuthorsName());

System.***out***.println("Date:"+i. Date());

System.***out***.println("Time:"+i. Time());

System.***out***.println("Version:"+i. Version());

}}

Output:

Authors id:33

Authors name:joy

Date:2/3/2012

Time:12:40

Version:8.0