

```
package Annotations;

import java.lang.annotation.Annotation;
import java.lang.annotation.ElementType;
import java.lang.annotation.Target;
import java.lang.reflect.Method;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;

@Target(ElementType.TYPE)
@Retention(RetentionPolicy.RUNTIME)
@interface info{

    int id();

    String date();

    String time();

    double version();

}

@Target(ElementType.METHOD)
@Retention(RetentionPolicy.RUNTIME)
@interface MyAnnotation{

    int value();

}

//To show use of annotation on class

@info(id=10,date="07-11-2021",time="12:31 AM",version=11.2)

class Information{
```

```
String name;

int age;

public Information(String name, int age) {

    this.name = name;

    this.age = age;

}

}
```

//To show the use of annotation on method

```
class Hello{

    @MyAnnotation(value=10)

    public void sayHello() {

        System.out.println("hello");

    }

}
```

```
public class CreateAnnotation {

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

        Information obj=new Information("mir", 21);

        Class c=obj.getClass();

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

        info i=(info)an;

        System.out.println(i.id());

        Hello h=new Hello();

    }

}
```

```
Method m=h.getClass().getMethod("sayHello");
```

```
MyAnnotation man=m.getAnnotation(MyAnnotation.class);
```

```
System.out.println("value is: "+man.value());
```

```
}
```

```
}
```