2)

**package** annotations;

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

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

@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** InfoExample {

**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());

}

}