

Exception Handling

QUIZ

```
public class Demo{  
    public static void main(String[] s){  
        int x=12,y=12,z;  
        try{  
            z=x/(x-y);  
            System.out.println("first");  
  
        }  
        System.out.print(" exception thrown");  
        catch(ArithmeticException e)  
        {  
            System.out.println("caught");  
        }  
        System.out.println("End");  
    }  
}
```

- A caught
- B compilation fails
- C caught End
- D first End

- Check if the following code compiles and guess the output

```
package unchecked;
```

```
public class Test {
```

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

```
try{
```

```
int x=5/2;
```

```
System.out.println(x);
```

```
}
```

```
finally{
```

```
System.out.println("finally");
```

```
}
```

```
}
```

```
}
```

package unchecked;

public class Test {

public static void main(String[] args){

try{

int x=5/2;

System.out.println(x);

}

finally{

System.out.println("finally");

}

catch(ArithmeticException e)

{

}

}

}

```
package unchecked;

public class Test {

public static void main(String[] args){

try{

int x=5/2;

System.out.println(x);

}

catch(Exception e)

{

}

catch(ArithmeticException e)

{

}

}

}
```

```
class A  
{  
void m1() throws IOException  
{  
  
  
}  
}
```

```
class B extends A  
{  
void m1()  
{  
  
  
}  
}
```

```
class A  
{  
void m1()  
{  
  
}  
}
```

```
class B extends A  
{  
void m1() throws IOException  
{  
  
}  
}
```



```
class A  
{  
void m1() throws IOException  
{  
  
}  
}
```

```
class B extends A  
{  
void m1() throws Exception  
{  
  
}  
}
```