

컴퓨터프로그래밍2 과제 4

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1번.

(a)

Point01@77afea7d

(b)

Exception in thread "main" java.lang.NoClassDefFoundError: Point01

at Test01.main(Test01.java:3)

Caused by: java.lang.ClassNotFoundException: Point01

at java.base/jdk.internal.loader.BuiltinClassLoader.loadClass(Unknown Source)

at java.base/jdk.internal.loader.ClassLoaders\$AppClassLoader.loadClass(Unknown Source)

at java.base/java.lang.ClassLoader.loadClass(Unknown Source)

... 1 more

main이라는 쓰레드를 제외시켜버려서 Error가 뜬 것이다.

2번.

(a)

java.lang.ArrayIndexOutOfBoundsException: 4

at Test02.sum(Test02.java:16)

at Test02.main(Test02.java:5)

catch (Exception ex) {ex.printStackTrace();}를 입력시킴으로써
ex에 들어가는 부분을 Exception을 적용시켜버렸다.

(b)

4

java.lang.ArrayIndexOutOfBoundsException: 4

Trace Info

method sum(Test03:28)

method main(Test03:6)

장점 : 메소드명이 명확히 드러난다. Trace Info를 제공해주었다.

단점 : b의 경우 a보다 너무 길다. a에서 Exception을 활용해서 더욱 간략하게 적용시킬 수 있다.

3번.

```
InvalidRadius04: Radius = -1.0  
end
```

4번.

```
false  
true  
10
```

5번.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"  
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html lang="ko">
```

```
<head>
```

```
<!-- Google Tag Manager -->
```

```
<script>(function(w,d,s,l,i){w[l]=w[l]||[];w[l].push({'gtm.start':  
new Date().getTime(),event:'gtm.js'});var f=d.getElementsByTagName(s)[0],  
j=d.createElement(s),dl=!l?'dataLayer':'&l='+l+'";j.async=true;j.src=  
'https://www.googletagmanager.com/gtm.js?id='+i+dl';f.parentNode.insertBefore(j,f);  
})(window,document,'script','dataLayer','GTM-WR4D6KN');
```

```
<!-- End Google Tag Manager -->
```

```
<title>由ㅍㅍ?췘?췘?뵐?췘 怨췘췘???뵐援? INDEX</title>
```

```
<meta property="og:type" content="website">
```

```
<meta property="og:title" content="怨췘췘???뵐援? ?췘?뵐?췘吏?">
```

```
<meta property="og:url" content="www.korea.ac.kr">
```

```
<meta property="og:description" content="?역?췘, ?췘?췘, 吏ㅍㅡ?췘 怨췘췘???뵐援?">
```

```
<meta  
content="/mbshome/mbs/university/images/common/main_thumb.jpg">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
```

```
<meta  
name="viewport"
```

```
content="width=device-width,initial-scale=1.0,minimum-scale=1.0,maximum-scale=1.0" />
```

```
<link rel="stylesheet" type="text/css" href="/mbshome/mbs/university/css/editor.css" />
```

```
<link rel="stylesheet" type="text/css" href="/mbshome/mbs/university/css/common.css" />
```

```
<link rel="stylesheet" type="text/css" href="/mbshome/mbs/university/css/audio.css">
```

```
<link rel="shortcut icon" href="/mbshome/mbs/university/images/common/favicon.ico"  
type="image/x-icon">
```

```
<link rel="icon" href="/mbshome/mbs/university/images/common/favicon.ico"
```

```

type="image/x-icon">
<script>
  (function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||function(){
    (i[r].q=i[r].q||[]).push(arguments)},i[r].l=1*new Date();a=s.createElement(o),
    m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
  })(window,document,'script','https://www.google-analytics.com/analytics.js','ga');

  ga('create', 'UA-101799370-1', 'auto');
  ga('send', 'pageview');

</script>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<meta http-equiv="refresh" content="0;url=/mbshome/mbs/university/index.do">


</head>

<body>
<!-- Google Tag Manager (noscript) -->
<noscript><iframe src="https://www.googletagmanager.com/ns.html?id=GTM-WR4D6KN"
height="0" width="0" style="display:none;visibility:hidden"></iframe></noscript>
<!-- End Google Tag Manager (noscript) -->
</body>

</html>

```

6번.

Test07.java:6: error: class Abst07 is public, should be declared in a file named Abst07.java

```

public abstract class Abst07 {
                        ^

```

Test07.java:3: error: Abst07 is abstract; cannot be instantiated

```

Abst07 x = new Abst07();
           ^

```

2 errors

7번.

(3.0,3.0)

$x = 3, y = 3$

3, 3