

2017夏季3班 Practice Class

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```
public enum NewsRSSFeedEnum {  
    YAHOO_TOP_STORIES("http://rss.news.yahoo.com/rss/topstories"),  
    CBS_TOP_STORIES("http://feeds.cbsnews.com/CBSNewsMain?format=xml"),  
    LATIMES_TOP_STORIES("http://feeds.latimes.com/latimes/news?format=xml");  
  
    private String rssUrl;  
  
    private NewsRSSFeedEnum(String rss) {  
        this.rssUrl = rss;  
    }  
  
    public String getRSSURL() {  
        return this.rssUrl;  
    }  
  
    public String fetch() {  
        // fetch from this.rssUrl  
        HttpReader myReader = new HttpReader(this.rssUrl);  
        try {  
            return myReader.fetch();  
        } catch (IOException ioe) {  
            LOG.warn(ioe);  
        } finally {  
            myReader.close();  
        }  
    }  
}
```



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physics)? 这个问题用我以前用的perl实现起来很容易，但如果用java的话，以我现在对Java的理解，不知道java有什么方法，不知道java有没有具备这个能力？

根据不同成绩来排序可以由不同的Comparator来实现。而预先定义好里其实可以考虑使用enum，将两者和匿名类结合就可以设计一个叫做ScoreComparator的enum，里面定义一些comparator:

```
package com.laioffer.lab;

import java.util.Comparator;

public enum ScoreComparator implements Comparator<Student> {
    MATH_COMPARATOR {
        @Override
        public int compare(Student o1, Student o2) {
            // Compare math
            return 0;
        }
    },
    ENGLISH_COMPARATOR {
        @Override
        public int compare(Student o1, Student o2) {
            // Compare English
            return 0;
        }
    }
}
```

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yijin@laooffer.com

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```
ENGLISH_COMPARATOR {  
    @Override  
    public int compare(Student o1, Student o2) {  
        // Compare English  
        return 0;  
    }  
}
```

这样你创建PQ的时候直接传ScoreComparator.MATH_COMPARATOR或者ScoreComparator.ENGLISH_COMPARATOR就好了，这两个都是预先定义好的comparator:

```
PriorityQueue<Student> pq = new PriorityQueue<>(11,  
ScoreComparator.ENGLISH_COMPARATOR);
```

Enum还支持valueOf方法，你还可以这么用:

```
void test(String comparator) {  
    PriorityQueue<Student> pq = new PriorityQueue<>(11,  
    ScoreComparator.valueOf(comparator));  
}
```

这样就可以传入一个String然后决定具体用哪个Comparator了。

在Java 8中，还可以用Lambda expression简化逻辑，注意这里不再像上面的方法里让每个enum constant自己拥有自己的匿名类，而仅仅是利用了传入的Lambda expression:

```
enum LambdaScoreComparator implements Comparator<Student> {  
    MATH ((s1, s2) -> {
```

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Annotations: J M H

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Which methods or classes will be ignored during the execution?

Annotation & Description	
1	@Test The Test annotation tells JUnit that the public void method to which it is attached can be run as a test case.
2	@Before Several tests need similar objects created before they can run. Annotating a public void method with @Before causes that method to be run before each Test method.
3	@After If you allocate external resources in a Before method, you need to release them after the test runs. Annotating a public void method with @After causes that method to be run after the Test method.
4	@BeforeClass Annotating a public static void method with @BeforeClass causes it to be run once before any of the test methods in the class.
5	@AfterClass This will perform the method after all tests have finished. This can be used to perform clean-up activities.



From 1705301 Diya to Everyone
如果test被ignore了还会跑setup么?

package laioffer;