Java Iterator 🔖

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Java Iterator class can help you to iterate through every element in a collection. Here is a simple example:

```java
import java.util.*;
public class Example{

    public static void main(String []args){
        ArrayList mylist = new ArrayList();
        mylist.add("Hello");
        mylist.add("Java");
        mylist.add("4");
        Iterator it = mylist.iterator();
        while(it.hasNext()){
            Object element = it.next();
            System.out.println((String)element);
        }
    }
}
```

In this problem you need to complete a method *func*. The method takes an *ArrayList* as input. In that *ArrayList* there is one or more integer numbers, then there is a special string "###", after that there are one or more other strings. A sample *ArrayList* may look like this:

```
element[0]=>42
element[1]=>10
element[2]=>"###"
element[3]=>"Hello"
element[4]=>"Java"
```

You have to modify the *func* method by editing `at most 2 lines` so that the code only prints the elements after the special string "###". For the sample above the output will be:

```
Hello
Java
```

Note: The stdin doesn't contain the string "###", it is added in the *main* method.

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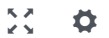
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Solved score: 7.50pts

Submissions: 25130

Max Score: 15
Difficulty: Easy

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Java 7

```java
import java.util.*;
public class Main{

    static Iterator func(ArrayList mylist){
        Iterator it=mylist.iterator();
        while(it.hasNext()){
            Object element = ~~~Complete this line~~~
            if(~~~Complete this line~~~)//Hints: use instanceof operator
                break;
        }
        return it;

    }
    @SuppressWarnings({ "unchecked" })
    public static void main(String []args){
        ArrayList mylist = new ArrayList();
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        int m = sc.nextInt();
        for(int i = 0;i<n;i++){
            mylist.add(sc.nextInt());
        }

        mylist.add("###");
        for(int i=0;i<m;i++){
            mylist.add(sc.next());
        }

        Iterator it=func(mylist);
        while(it.hasNext()){
            Object element = it.next();
            System.out.println((String)element);
        }
    }
}
```

Line: 1 Col: 1

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