

模版·栈的实现

```
public class Stack<E>{

    private ArrayList<E> elements;

    public Stack(){
        elements=new ArrayList<>();
    }

    public boolean isEmpty(){
        return elements.isEmpty();
    }

    public void push(E element){
        elements.add(element);
    }

    public E pop(){
        if(isEmpty()){
            throw new EmptyStackException();
        }
        return elements.remove(elements.size()-1);
    }

    public E peek(){
        if(isEmpty()){
            throw new EmptyStackException();
        }
        return elements.get(elements.size()-1);
    }
}
```

```
public static class EmptyStackException extends RuntimeException{  
    }  
}
```