**CRUD in REST**

**GET**

A screen shot of a computer code

Description automatically generated

**PUT**

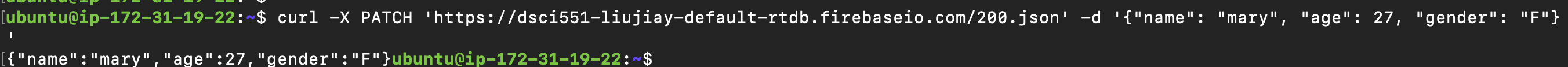
会overwrite信息

A screenshot of a computer program

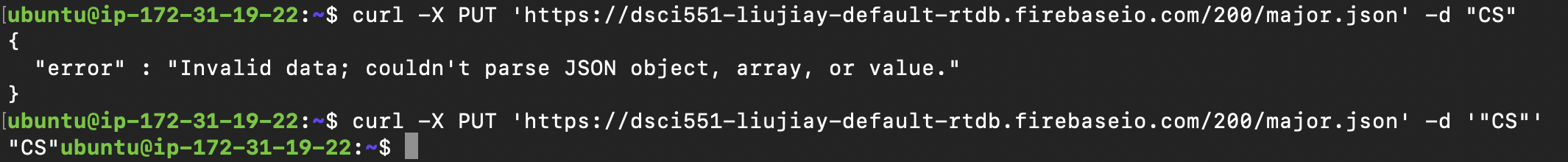
Description automatically generated

**PATCH**

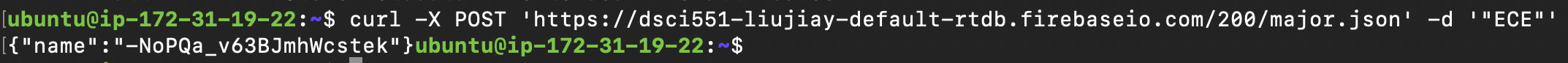
补充的信息，不会overwrite



**200/major.json**



**POST**

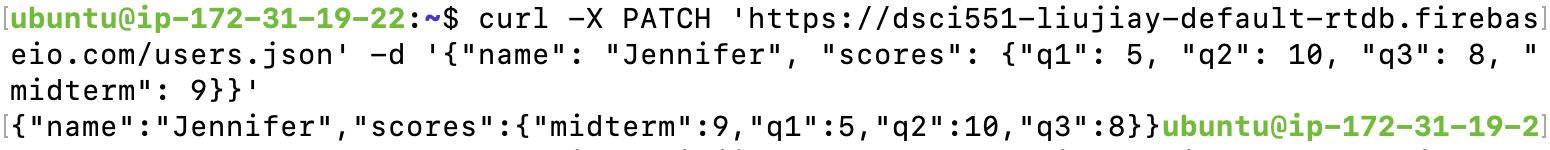


A close-up of a computer code

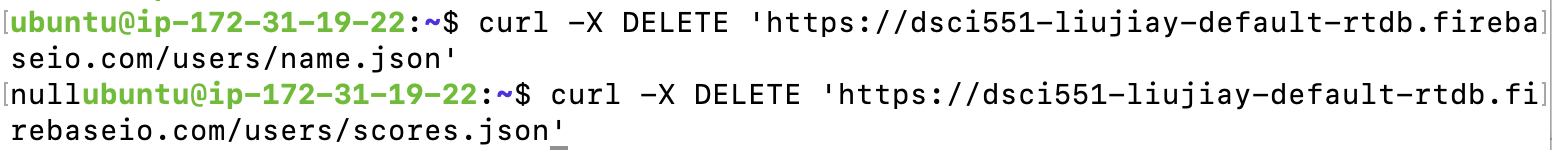
Description automatically generated

It generates a random key

**DELETE**



这里我把Jennifer放错地方了，所以要用delete删掉

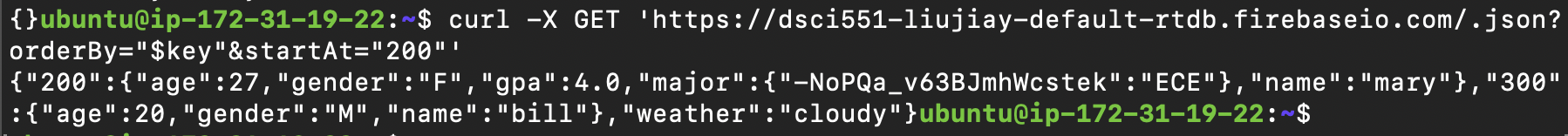


**Parameters**

这里应该就是在用ppt37页的指令

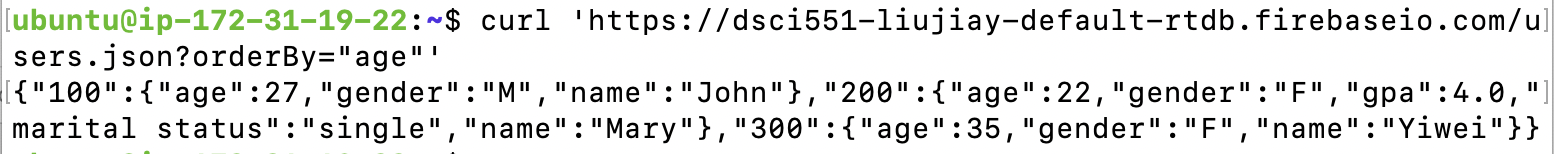
1. Filtering by key

* orderBy=”$key”



1. Filtering by child key

* orderBy=”<path-to-child-key>”
* e.g., orderBy = “name”



疑问：为什么顺序不对？难道不应该是年龄从小到大吗？

不！！它显示全部的！！要像下面这样写才有效filter

A computer screen shot of a computer code

Description automatically generated

1. filtering by value

* orderBy=”$value”

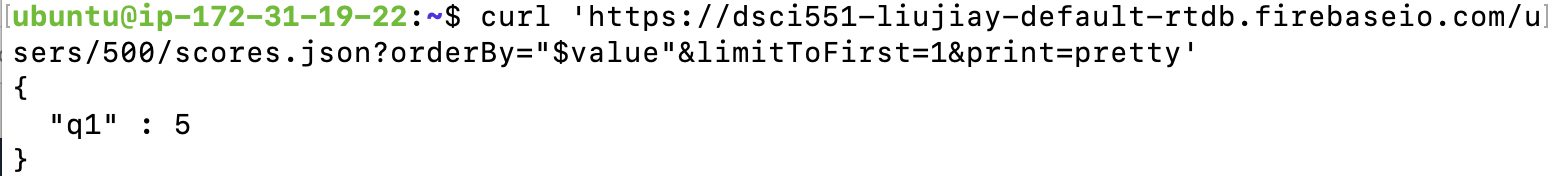
A computer code with black text

Description automatically generated

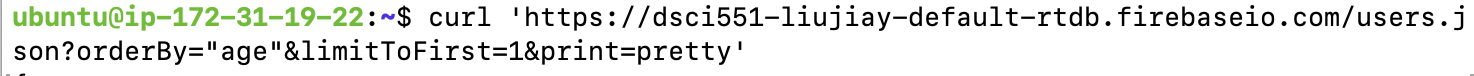
这个错误出现的原因，是我们没有在Rules里面加上一条下面这个语句

A close-up of a computer code

Description automatically generated



如果不输入任何-X GET或者-X PUT或者 -X PATCH 或者-X DELETE指令，那默认就是 -X GET。见PPT 26. 看下面的两个例子就是完全等效的指令。



A screen shot of a computer

Description automatically generated