2. Capitals

Program Name: capital.java   **Input File: capital.in**

Your Geography class is currently studying Europe, and the next test covers the capital cities. The test will be 20 fill-in-the-blank questions. Each question will be in one of the following two formats:

| Format 1 | The capital city of <country> is _____. |
| Format 2 | The capital city of _____ is <city>. |

Where placeholders <country> and <city> are provided, and you must fill in the blanks. Here is a copy of your study sheet (No, it doesn't cover all of Europe, but you know it will be enough for your test):

Capital	Country	Capital	Country
Dublin	Ireland	London	UK
Lisbon	Portugal	Madrid	Spain
Andorra	Andorra	Paris	France
Bern	Switzerland	Vaduz	Liechtenstein
Brussels	Belgium	Berlin	Germany
Vienna	Austria	Rome	Italy
Valletta	Malta	Oslo	Norway
Stockholm	Sweden	Copenhagen	Denmark
Vatican City	Vatican	Budapest	Hungary
Athens	Greece	Helsinki	Finland
Monaco	Monaco	Sarajevo	Bosnia Herzegovina

You have little interest in Geography and are an accomplished programmer. To skirt the opportunity of genuine learning, you decide to take advantage of your existing abilities and program your calculator to fill in the blanks.

Input
Input will consist of 20 lines, each of the format given in the description above. Blanks will consist of 5 consecutive underscore characters ('_').

Output
Output will exactly mirror the input except that the blanks will be replaced with the correct country or capital names from the study sheet.

Example Input File (first 3 lines only)
```
The capital city of Italy is _____.
The capital city of _____ is Helsinki.
The capital city of Bosnia Herzegovina is _____.
```

Example Output To Screen (first 3 lines only)
```
The capital city of Italy is Rome.
The capital city of Finland is Helsinki.
The capital city of Bosnia Herzegovina is Sarajevo.
```