**World**

* **City**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Name | CountryCode | District | Population |

* **Country**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Code | Name | Continent | Region | SurfaceArea | IndepYear | Population | LifeExpectancy | GNP | GNPOld | LocalName | GovernmentForm | HeadOfState | Capital | Code2 |

* **CountryLanguage**

|  |  |  |  |
| --- | --- | --- | --- |
| CountryCode | Language | IsOfficial | Percentage |

|  |
| --- |
| **Country** |
| Population |
| Code |

**Description:**

Relation of Table **city** with entity of **Country** and **CountryLanguage** is:

* Population: exist in only Country entity
* Country Code: exists in both entities.

|  |
| --- |
| **City** |
| Population |
| CountryCode |

|  |
| --- |
| **CountryLanguage** |
| CountryCode |

**Conclusion:**

These three entities are inter related because they have same attribute of **CountryCode** while entity of **City** and **Country** are also related through the entity of **Population.**