

invalid_argument

```
classDiagram
    class invalid_argument {
    }
    class BadCityName {
    }
    BadCityName --|> invalid_argument
```

The diagram illustrates a class hierarchy. At the top is a class box for 'invalid_argument', which is divided into three horizontal sections: the top section contains the class name, and the two bottom sections are empty. Below it is a class box for 'BadCityName', also divided into three horizontal sections. The top section contains the class name, the middle section is empty, and the bottom section contains two public methods: '+ BadCityName()' and '+ ~BadCityName()'. A blue arrow with an open triangular head points from the 'BadCityName' box up to the 'invalid_argument' box, indicating that 'BadCityName' inherits from 'invalid_argument'.

BadCityName

+ BadCityName()
+ ~BadCityName()