

```
//From description, structure sounds something like this
{
  "cities": [
    {
      "city1": {
        "hotels": [
          {
            "name": "hotel1",
            "value": "1"
          },
          {
            "name": "hotel2",
            "value": "0"
          },
          .
          .
          .
        ]
      },
      "city2": {
        "hotels": [...]
      },
      .
      .
      .
    ]
  }
}
```

input → string of the searched location (Given: database of hotels(JSON Tree))

Make empty list for output //Assuming that this can be list to display directly on website

//something like dfs → search for the city first

for all root (city) nodes

if city != location

continue //go to next root(city) node

else

//Dfs

for all hotels in city

if hotel->value == 0

Append hotel to list

return list