

#2

```
# Lists of cities grouped by country
australia = ["Sydney", "Melbourne",
"Brisbane", "Perth"]
uae = ["Dubai", "Abu Dhabi", "Sharjah",
"Ajman"]
india = ["Mumbai", "Bangalore", "Chennai",
"Delhi"]

# Ask the user for a city name
city_name = input("Enter a city name: ")

# Use if conditions to determine the
country
if city_name in australia:
    print(city_name, "is in Australia")
elif city_name in uae:
    print(city_name, "is in UAE")
elif city_name in india:
    print(city_name, "is in India")
```

else:

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    print("Sorry," ,city_name, "is not in the  
list.")
```