Assignment

1. REST web-service to get a list of all Countries

Each country has 2 character and 3 character ISO assigned code. Below service has all the county name, 2 character code and 3 character assigned code.

http://services.groupkt.com/country/get/all

This rest web service will return a list countries in JSON format, each country object has

```
{
"name":"India",
"alpha2_code":"IN",
"alpha3_code":"IND"
}
```

2. REST web-service to search country by 2 character alphanumeric ISO code

To search the Country by its 2 character alphanumeric assigned, this REST web-service can be used, it will return a JSON Country object matching the requested 2 character alphanumeric code.

The url for this web service is http://services.groupkt.com/country/get/iso2code/{alpha2_code}

for example

http://services.groupkt.com/country/get/iso2code/IN

This rest web service will search and return the matching country having same same 2 character ISO code as requested in JSON format. the example of search

result is

```
{
"RestResponse" : {
"messages" : [ "Country found matching code [IN]." ],
"result" : {
"name" : "India",
"alpha2_code" : "IN",
"alpha3_code" : "IND"
}
}
}
```

And if nothing matching found then

```
{
"RestResponse" : {
"messages" : [ "No matching country found for requested code [IU]." ]
}
}
```

3. REST web-service to search country by 3 character alphanumeric ISO code

To search the Country by its 3 character alphanumeric assigned,
The url for this web service
is http://services.groupkt.com/country/get/iso3code/{alpha3_code} for example

http://services.groupkt.com/country/get/iso3code/IND

This rest web service will search and return the matching country

```
{
"RestResponse" : {
"messages" : [ "Country found matching code [IND]." ],
```

```
"result" : {
"name" : "India",
"alpha2_code" : "IN",
"alpha3_code" : "IND"
}
}
}
```

And if nothing matching found then

```
{
"RestResponse" : {
"messages" : [ "No matching country found for requested code [XYZ]." ]
}
}
```

4. REST web-service to search country by 3 character ISO code or 2 character ISO code or country name

This will search the input string every where in all 2 ISO codes and country name. partial input is also allowed

The url for this web service is http://services.groupkt.com/country/search?text={text to search} for example

http://services.groupkt.com/country/search?text=un