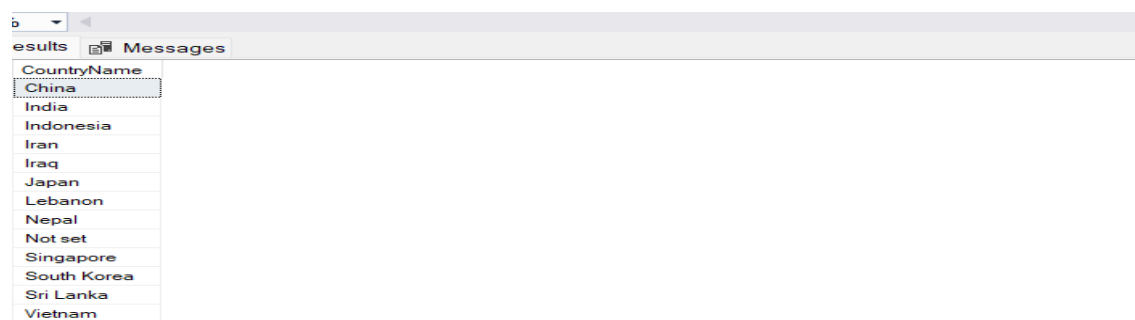


Q1: Create a stored procedure called uspcountriesasia to list out all the countries with continentid equal to 1, in alphabetical order

```
CREATE or alter PROCEDURE usp_CountriesAsia
AS
BEGIN
    SET NOCOUNT ON;
    select CountryName from tblcountry where continentId=1 order by countryname asc ;

END

exec [dbo].[usp_CountriesAsia ];
```

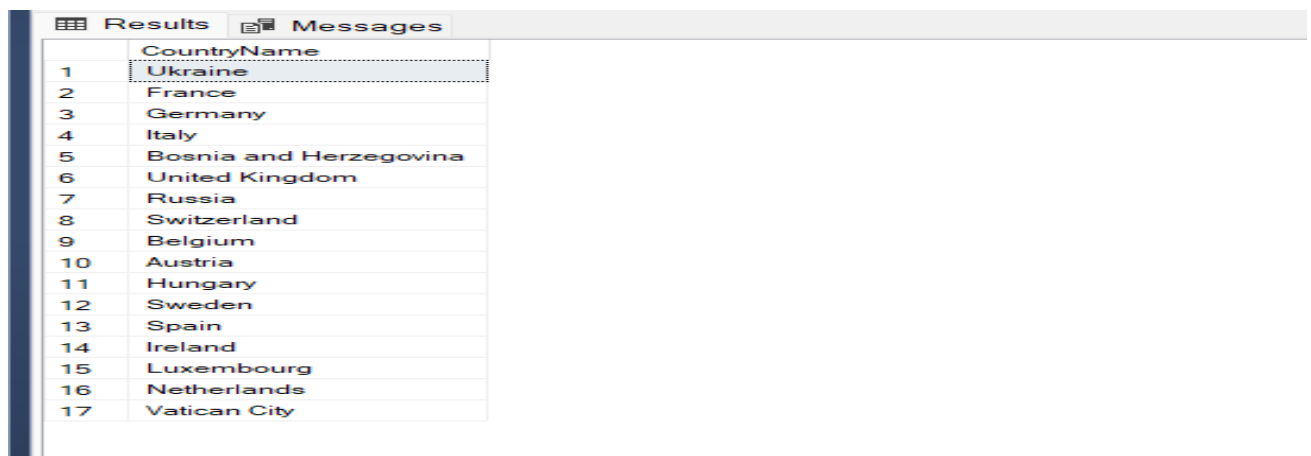


CountryName
China
India
Indonesia
Iran
Iraq
Japan
Lebanon
Nepal
Not set
Singapore
South Korea
Sri Lanka
Vietnam

Q2: Modify the text of your query to create a different procedure called uspcountrieseurope which lists all the countries in continent id number 3

```
CREATE or alter PROCEDURE usp_countries_europe
AS
BEGIN
    SET NOCOUNT ON;
    SELECT CountryName from tblcountry where continentId=3

END
GO
```



	CountryName
1	Ukraine
2	France
3	Germany
4	Italy
5	Bosnia and Herzegovina
6	United Kingdom
7	Russia
8	Switzerland
9	Belgium
10	Austria
11	Hungary
12	Sweden
13	Spain
14	Ireland
15	Luxembourg
16	Netherlands
17	Vatican City

Q3: change the procedure in Q2 so that it list out the countryid also

```
CREATE or alter PROCEDURE usp_countries_europe
AS
BEGIN
    SET NOCOUNT ON;
    SELECT CountryName,countryid from tblcountry where continentId=3
END
GO
```

Results		Messages	
	CountryName	countryid	
1	Ukraine	1	
2	France	2	
3	Germany	3	
4	Italy	4	
5	Bosnia and Herzegovina	6	
6	United Kingdom	7	
7	Russia	11	
8	Switzerland	12	
9	Belgium	16	
10	Austria	27	
11	Hungary	28	
12	Sweden	33	
13	Spain	36	
14	Ireland	38	
15	Luxembourg	39	
16	Netherlands	41	
17	Vatican City	43	

Q4:create a function for Q1

```
CREATE or alter FUNCTION udf_countriesasia
(
)
RETURNS TABLE
AS
RETURN
(
    SELECT CountryName from tblcountry where continentId=1
)
GO

select * from udf_CountriesAsia()
order by countryname asc;
```

Results		Messages
	CountryName	
1	China	
2	India	
3	Indonesia	
4	Iran	
5	Iraq	
6	Japan	
7	Lebanon	
8	Nepal	
9	Not set	
10	Singapore	
11	South Korea	
12	Sri Lanka	
13	Vietnam	

Q5:Convert Q2 into a function

```
CREATE or alter function udf_countries_europe()
returns table
as
return
(
    SELECT CountryName,countryid from tblcountry where continentId=3
)
```

GO

```
select * from udf_Countries_europe();
```

Results			Messages
	CountryName	countryid	
1	Ukraine	1	
2	France	2	
3	Germany	3	
4	Italy	4	
5	Bosnia and Herzegovina	6	
6	United Kingdom	7	
7	Russia	11	
8	Switzerland	12	
9	Belgium	16	
10	Austria	27	
11	Hungary	28	
12	Sweden	33	
13	Spain	36	
14	Ireland	38	
15	Luxembourg	39	
16	Netherlands	41	
17	Vatican City	43	