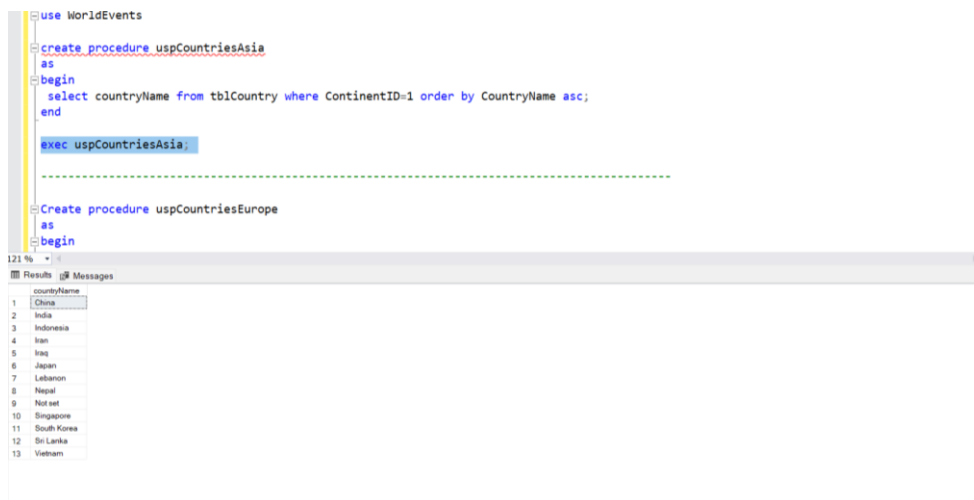


Procedures and Functions

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

```
create procedure uspCountriesAsia
as
begin
    select countryName from tblCountry where ContinentID=1 order by CountryName asc;
end
```

```
exec uspCountriesAsia;
```



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

```
Create procedure uspCountriesEurope
as
begin
    select countryName from tblCountry where ContinentID=3;
end

exec uspCountriesEurope;
```

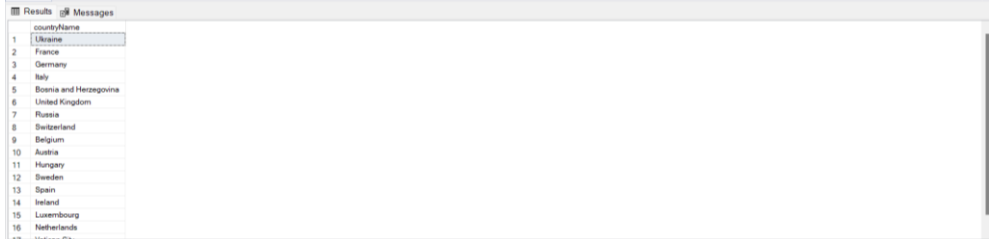
```

-- Create procedure uspCountriesEurope
as
begin
    select countryName from tblCountry where ContinentID=3;
end

exec uspCountriesEurope;

-- alter procedure uspCountriesEurope
as

```



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

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

```

alter procedure uspCountriesEurope
as
begin
    select CountryID, countryName from tblCountry where ContinentID=3;
end

exec uspCountriesEurope;

```

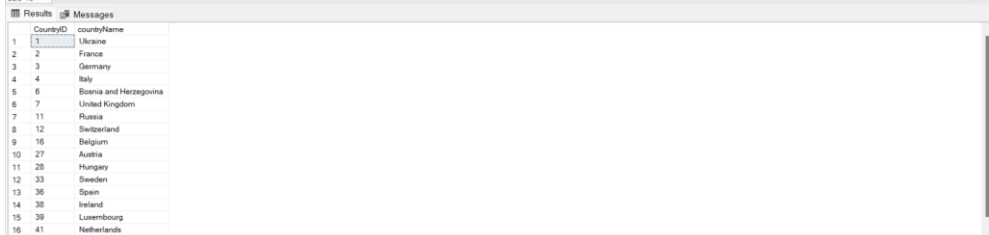
```

-- alter procedure uspCountriesEurope
as
begin
    select CountryID, countryName from tblCountry where ContinentID=3;
end

exec uspCountriesEurope;

-- CREATE or alter FUNCTION udf_countriesasia
(
)
RETURNS TABLE
AS
RETURN

```



CountryID	countryName
1	Ukraine
2	France
3	Germany
4	Italy
5	Bosnia and Herzegovina
6	United Kingdom
7	Russia
12	Switzerland
16	Belgium
27	Austria
28	Hungary
33	Sweden
36	Spain
38	Ireland
39	Luxembourg
41	Netherlands

Q4:create a function for Q1

```

CREATE or alter FUNCTION udf_countriesasia
(
)
RETURNS TABLE
AS
RETURN
(

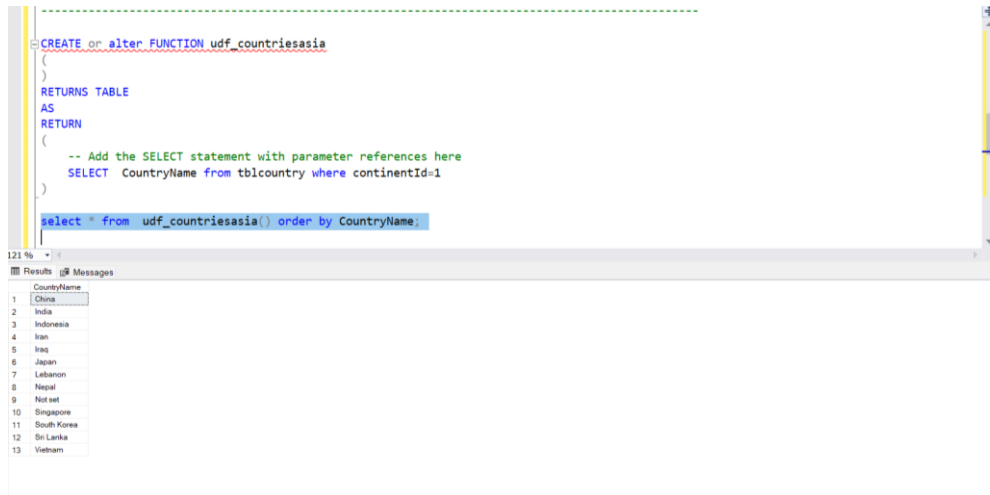
```

```

-- Add the SELECT statement with parameter references here
SELECT CountryName from tblcountry where continentId=1
)

select * from udf_countriesasia() order by CountryName;

```



Q5: Convert Q2 into a function

```

CREATE or alter function udf_countries_europe()
-- Add the parameters for the stored procedure here

returns table
as
return
(
-- Insert statements for procedure here
SELECT CountryName,countryid from tblcountry where continentId=3
)

select * from udf_countries_europe();

```

```

CREATE or alter function udf_countries_europe()
-- Add the parameters for the stored procedure here

returns table
as
return
(
    -- Insert statements for procedure here
    SELECT CountryName,countryid from tblcountry where continentId=3
)

select * from udf_countries_europe();

```

1 %
Results Messages

CountryName	countryid
Ukraine	1
France	2
Germany	3
Italy	4
Bosnia and Herzegovina	6
United Kingdom	7
Russia	11
Switzerland	12
Belgium	16
Austria	27
Hungary	28
Sweden	33
Spain	36
Ireland	38
Luxembourg	39
Netherlands	41
Norway	43