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EXERCISE TOPIC

SQL EXERCISES

SQL EXERCISES

SQL | Stored procedures exercise | Basic stored procedure to show countries in Asia

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Software ==>	SQL (198 exercises)
Version ==>	Any version of SQL Server
Topic ==>	Stored procedures (5 exercises)
Level ==>	Relatively easy
Subject ==>	SQL training

Before you can do this exercise, you'll need to download and unzip [this file](#) (if you have any problems doing this, [click here](#) for help). Once you've done this:

1. Go into SQL Server Management Studio;
2. Open the SQL file you've just unzipped (you can press **CTRL** + **O** to do this); then
3. Execute this script.

This will generate the database that you'll need to use in order to do this exercise (note that the database and script are only to be used for exercises published on this website, and may not be reused or distributed in any form without the prior written permission of Wise Owl).

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

CountryName
China
India
Indonesia
Iran

The first few countries your procedure should show when you run it.

As a reminder, the syntax of a basic stored procedure is:

```
CREATE PROC NameOfProcedure
AS
-- now do something
SELECT ...
```

If you've got this working, modify the text of your query to create a different procedure called **uspCountriesEurope** which lists all the countries in continent id number 3, and check that this works.

Close down all your SQL Server Management Studio windows. Find the procedure called **uspCountriesAsia** in **Object Explorer**, and choose to modify it. Change the procedure so that it lists out the **CountryId** too:

CountryId	CountryName
19	China
24	India
9	Indonesia
37	Iran

The output from your procedure now includes the country id.

Optionally save your query as **Basic procedures.sql**, then close it down.

You can unzip [this file](#) to see the answers to this exercise, although please remember this is for your personal use only.

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