

Question:

Question 8:

Create a stored procedure named pr1 to calculate the number of departments in a given country where @countryID varchar(10) is an input parameter and @numberOfDepartments int is an output parameter of the procedure.

For example, when we execute the procedure pr1 by using the following statements, the result should be as in the following figure:

```
declare @x int
exec pr1 'US', @x output
select @x as NumberOfDepartments
```

	NumberOfDepartments
1	23

Picture 8.1

Expert Answer:



```
Create procedure pr1 (
    @countryID varchar(10), @numberOfDepartments int output
) as
BEGIN
    SELECT * from country where countryID = @countryID
```

```
SELECT @numberOfDepartments = @@ROWCOUNT  
END;
```

Now, when we call,

```
declare @x int
```

```
exec pr1 'US',@x output
```

```
select @x as NumberOfDepartments
```

we get the count of number of departments.

Note : The database table isn't mentioned anywhere, so I just took, from country.

PLEASE LEAVE A LIKE, IT HELPS ME A LOT. THANKS!!

Comments:

No comment