Exercise

The image given below shows the definition of the Products table

Column_name	Type	Length
id	int	4
productname	varchar	40
suppliercompany	varchar	40
listprice	int	4

The image given below shows the data of the Products table

	id	productname	suppliercompany	listprice
1	1	Keyboard	TVSGold	3
2	2	Monitor	LG	5
3	3	AC	LG	400
4	4	Bikes	Bajaj	700
5	5	Bulb	Bajaj	2

The image given below shows the definition of the EmployeeDetails table

Column_name	Type	Length
Emp_No	int	4
Name	varchar	50
DOB	varchar	50
Gender	char	10
Salary	int	4
City	varchar	20

The image given below shows the data of the EmployeeDetails table

	Emp_No	Name	DOB	Gender	Salary	City
1	100	Mahesh	1965-12-12	Male	30000	Delhi
2	101	Suresh	1963-11-14	Male	34000	Delhi
3	102	Raju	1969-12-21	Male	23000	Shimla
4	103	Kalpana	1961-12-01	Female	50000	Noida
5	104	Neha	1971-12-01	Female	19000	Goa
6	105	SUNITA	1958-12-01	Female	50000	Delhi

The scripts to create the above tables are already shared. Using these tables you need to perform the following execises

Exercise 1

You need to create a stored procedure named `usp_productsinsert with four input parameters as`

```
 @id as int
,@productname as varchar(40)
,@suppliercompany as varchar(40)
,@listprice as int
```

You need to create a stored procedure to insert the data into the products table

For example when you will be going to execute the stored procedure it will be like the following command

```
exec usp_productsinsert
 @id =6
,@productname = 'Battery'
,@suppliercompany = 'Everready'
,@listprice = '2'
```

Exercise 2

You need to create a stored procedure named `usp_productsdisplaybysupplier with one input parameter as`

```
@suppliercompany as varchar(40)
```

You need to create a stored procedure to display the Products based on the suppliercompany name

For example when you will be going to execute the stored procedure it will be like the following command

```
exec usp_productsdisplaybysupplier
@suppliercompany='bajaj'
```

Exercise 3

You need to create a stored procedure named usp_productsdisplaybysortedlistprice with a default parameter named @numrows of bigint datatype to display all the products details in the descending order based on the listprice column.

The parameter @numrows represents how many records you want to display

`For example if you execute`

```
exec usp_productsdisplaybysortedlistprice @numrows = 2
```

then only top two records from the products table should be displayed

and when you execute the following command then
```
exec usp_productsdisplaybysortedlistprice
```

all the records from the products table should be displayed.

Exercise 4

You need to create a stored procedure named usp_GetEmployeeDOB with one input parameter named @emp_no of INT datatype and one output parameter as @dob of char(10) datatype. You need to show date of birth using the output parameter from the EmployeeDetails table for a particular emp_no passed using input parameter.

Exercise 5

You need to drop all the stored procedures created so far . But first you need to check whether they actually exists in the database, if they exists then delete those stored procedures