

متین برهانی - ۹۵۲۶۷۰۳

تمرین چهارم SQL

تمرین اول :

```
CREATE PROCEDURE InsertCourse
-- Add the parameters for the stored procedure here
@ID as INT,
@title as nvarchar(50),
@credit as int,
@DepartmentID as char(5)
AS
BEGIN
    INSERT INTO Courses Values(@ID,@title,@credit,@DepartmentID);
END
GO
```

Parameter	Data Type	Output Parameter	Pass Null Value	Value
@ID	int	No	<input type="checkbox"/>	101
@title	nvarchar(50)	No	<input type="checkbox"/>	Az Micro
@credit	int	No	<input type="checkbox"/>	1
@DepartmentID	char(5)	No	<input type="checkbox"/>	22522

```
USE [University]
GO
```

```
DECLARE @return_value int

EXEC @return_value = [dbo].[InsertCourse]
    @ID = 101,
    @title = N'Az Micro',
    @credit = 1,
    @DepartmentID = N'22522'

SELECT 'Return Value' = @return_value
```

Results		Messages		
	ID	Title	Credits	DepartmentID
2	51	Programming	3	22522
3	52	Database Laboratory	3	22522
4	53	Operating System	3	22522
5	54	Math1	3	22012
6	55	Math2	3	22012
7	56	Math3	3	22012
8	57	Polymer	3	22025
9	58	Pharmaceutical Chemistry	3	22025
10	59	Laboratory Chemistry	3	22025
11	100	Data Mining	3	22522
12	101	Az Micro	1	22522

تمرین دوم :

```
CREATE or Alter PROCEDURE AddSalary]
-- Add the parameters for the stored procedure here
@ID as char(7),
@amount as int
AS
BEGIN
    update Teachers
    set Salary = Salary + @amount
    where ID=@ID;

    Update Teachers
    set Salary = Salary + @amount/2
    where ID <> @ID;

END
GO
```

Select a page

General

Script Help

Parameter	Data Type	Output Parameter	Pass Null Value	Value
@ID	char(7)	No	<input type="checkbox"/>	1220985
@amount	int	No	<input type="checkbox"/>	1000000

```

USE [University]
GO

DECLARE @return_value int

EXEC     @return_value = [dbo].[AddSalary]
        @ID = N'1220985',
        @amount = 1000000

SELECT   'Return Value' = @return_value

GO

```

Results

Messages

	FirstName	LastName	ID	BirthDay	DepartmentID	Salary
1	Fateme	MiriShamsi	1220985	1898	22025	6228000.00
2	Mehdi	Ahmadi	1224503	1892	22522	9020000.00
3	Ali	Rezaei	1224508	1895	22012	8724500.00
4	Mehdi	Salari	1224509	1892	22523	9720000.00
5	Ali	Mahdavi	1225039	1802	22522	7080000.00