

Databases

Deepen your knowledge in SQL

Stored Procedures

Produktnamn	Kod
Sprocket	5
Wheel	6
Saddle	7
Bike spokes	8

```
CREATE OR ALTER PROC TryInsertBicyclePart @ProductName varchar(50), @Kod int AS  
BEGIN
```

```
    DECLARE @part varchar(50) = (SELECT Produktnamn  
                                FROM BicycleParts  
                                WHERE Produktnamn= @ProductName)
```

```
    IF @part is null  
        INSERT INTO BicycleParts(Produktnamn, Kod) VALUES(@ProductName, @Kod)  
    ELSE  
        PRINT 'The product name already exist'
```

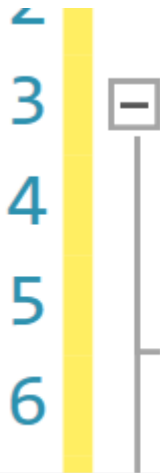
```
END
```

```
EXEC TryInsertBicyclePart 'Tires', 9
```

Views

```
create view RoomsWithExtraBeds
as
    select *
    from RoomSize
    where ExtraBeds >= 1
```

Views



```
select *  
from RoomsWithExtraBeds
```

Messages				
Id	RoomType	NumberOfBeds	ExtraBeds	Price
2	Single room + 1	1	1	720
4	Double room + 1	2	1	920
5	Double room + 2	2	2	940
7	Precidential suite	2	4	1500

Index

```
CREATE INDEX IX_Name ON Person(Name)
```

Trigger

```
CREATE TRIGGER MyTrigger
ON Employees
AFTER INSERT
AS
    INSERT INTO LOG VALUES('Employee inserted', GETDATE())
```