

Cross Join

```
SELECT * FROM [TABLE 1], [TABLE 2]
```

Každý řádek s každým

Table 1: *GameScores*

PlayerName	DepartmentId	Scores
Jason	1	3000
Irene	1	1500
Jane	2	1000
David	2	2500
Paul	3	2000
James	3	2000

Table 2: *Departments*

DepartmentId	DepartmentName
1	IT
2	Marketing
3	HR

The joining Condition will be **DepartmentId** of both tables.

SQL statement :

```
SELECT PlayerName, DepartmentName
FROM GameScores a, Departments b
WHERE a.DepartmentId = b.DepartmentId
```

Result:

<u>PlayerName</u>	<u>DepartmentName</u>
Jason	IT
Irene	IT
Jane	Marketing
David	Marketing
Paul	HR
James	HR

SQL Select Case Code:

```
USE mydatabase;  
  
SELECT product,  
       'Status' = CASE  
         WHEN quantity > 0 THEN 'in stock'  
         ELSE 'out of stock'  
       END  
FROM dbo.inventory;
```

SQL Results:

product	Status
19" LCD Screen	in stock
HP Printer	in stock
Pen	in stock
Stapler	in stock
Hanging Files	in stock
Laptop	in stock

```
SELECT LastName, FirstName, COALESCE(HomePhone,  
Extension) AS PhoneNumber FROM Employees
```

```
SELECT LOWER('This is SOME TEXT')
```

```
SELECT UPPER('This is SOME TEXT')
```

```
SELECT CONCAT('This i', 's some text', '.')
```

```
SELECT LENGTH('This is some text')
```

```
SELECT TRIM('ab' FROM 'ababzzzzab')
```

```
==> zzzz
```

```
SELECT TRIM(' a string message ')
```

```
==> a string message
```

```
SELECT SUBSTRING('abcd', 1, 2)
```

```
==> ab
```