

Apex SOQL – SOQL IN Operator with example

In this Salesforce Object Query language SOQL tutorial, we are going to learn about IN operator in SOQL statements and why we use IN operator in WHERE clause.

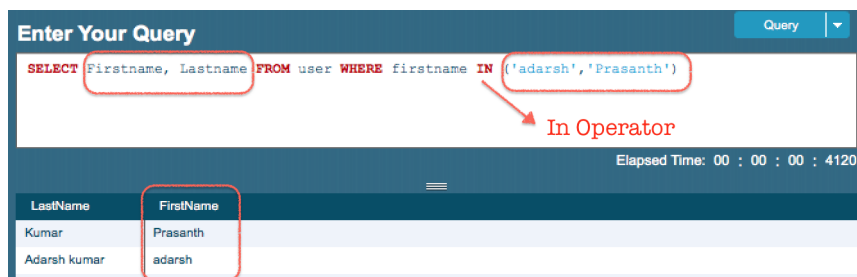
SOQL IN Operator.

SOQL IN Operator is used to fetch the data from the matched values specified in the the SOQL statement. **SOQL IN operator** is mainly used to compare a value to a list of values that have been specified, and it retrieves the records if it matches the values specified in the list. The **IN** operator is used if you want to compare a value with multiple values to ensure the retrieved records are accurate.

SOQL IN Operator Example.

```
SELECT Firstname,  
Lastname FROM user
```

```
SELECT Firstname, Lastname FROM user WHERE firstname IN ('adarsh','Prasanth')
```



Enter Your Query

```
SELECT Firstname, Lastname FROM user WHERE firstname IN ('adarsh','Prasanth')
```

In Operator

Elapsed Time: 00 : 00 : 00 : 4120

LastName	FirstName
Kumar	Prasanth
Adarsh kumar	adarsh

From above SOQL query, the preceding query will return all users where the first name equals to 'adarsh' and 'Prasanth'. As shown above the values for IN must be in parenthesis and string values must be added in between single quotes. IN and NOT IN operators are also used for semi-joins and anti-joins.

SOQL NOT IN Operator.

SOQL NOT IN operator is similar to NOT operator. This operator is used to specify multiple values in the WHERE clause for non matching and filtering records. This operator retrieve the data if the values does not equal to any of the specified values in a WHERE clause.

SOQL NOT IN operator example.

```
SELECT Firstname,  
Lastname FROM user
```

```
SELECT Firstname, Lastname FROM user WHERE firstname NOT IN ('Prasanth')
```

Output :

Enter Your Query Query ▾

```
SELECT Firstname, Lastname FROM user WHERE firstname NOT IN ('Prasanth')
```

Elapsed Time: 00 : 00 : 3800

LastName	FirstName
User	Integration
User	Security
Honey	Anisha
Adarsh kumar	adarsh
Chatter Expert	

As shown above, the result will not contain any user which equals to 'Prasanth'.

Conclusion :

In this [Salesforce developer tutorial](#), we have learned about SOQL IN operator and SOQL NOT IN operator. In our upcoming SOQL tutorials, we learn about relationship between custom objects in SOQL.

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