Junction Object:

junction Object is an Object in salesforce it helps to maintain many-to-many relationship between two objects.

Let's Create One Example: online Ecommerce Section Management

Custom Object:-Section__c

SectionID	SectionName	IsActive
1	New coming Book	true
2	Best Deal	True
3	Deals Of The day	True

Custom Object:- ProductMaster__c

ProductID	ProductName	IsActive
1	Iphone 5	true
2	Iphone5s	True
3	Iphone6	True

Custom Object:-SectionProductMaster__C

ProductSectionID	SectionID	ProductID
1	1	3
2	1	4
3	2	1

SectionProductMaster__c is Junction Object For Section__c and ProductMaster__c Object.

Product Master Data

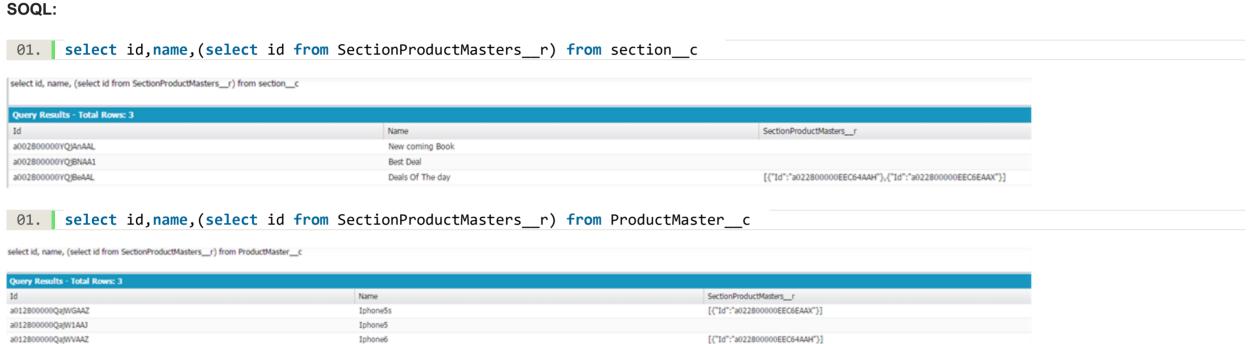**Section Master Data**

All ▼ | Edit | Delete | Create New View

New Section | Change Owner

	Action	IsActive ↑	SectionName	Record ID	Created By	Created Date
☐	Edit	Del	✓	New coming Book	a002800000YQjAn	dillip nayak, 4/28/2016 12:20 AM	4/28/2016
☐	Edit	Del	✓	Best Deal	a002800000YQjBN	dillip nayak, 4/28/2016 12:20 AM	4/28/2016
☐	Edit	Del	✓	Deals Of The day	a002800000YQjBe	dillip nayak, 4/28/2016 12:20 AM	4/28/2016

The Below image shows junction object Record (Many-to-Many relationships),

Section
Deals Of The day   Customize Page | Edit Layout | Printable View | Help for this Page
« Back to List: Sections
                                          SectionProductMasters [2]

Section Detail   Edit   Delete   Clone

SectionName   Deals Of The day   Owner   dillip nayak [Change]
IsActive   ✓
Created By   dillip nayak, 4/28/2016 12:20 AM   Last Modified By   dillip nayak, 4/28/2016 12:20 AM

                                          Edit   Delete   Clone

SectionProductMasters   New SectionProductMaster   SectionProductMasters Help ?

Action	Name	ProductID
Edit	Del	Section1	Iphone6
Edit	Del	Section2	Iphone5s

∧ Back To Top   Always show me ▼ more records per related list

SOQL:

```
01. select id,name,(select id from SectionProductMasters__r) from section__c
```

select id, name, (select id from SectionProductMasters__r) from section__c

Query Results - Total Rows: 3

Id	Name	SectionProductMasters__r
a002800000YQjAnAAL	New coming Book	
a002800000YQjBNAA1	Best Deal	
a002800000YQjBeAAL	Deals Of The day	[{"Id":"a022800000EEC64AAH"},{"Id":"a022800000EEC6EAAX"}]

```
01. select id,name,(select id from SectionProductMasters__r) from ProductMaster__c
```

select id, name, (select id from SectionProductMasters__r) from ProductMaster__c

Query Results - Total Rows: 3

Id	Name	SectionProductMasters__r
a012800000QajWGAAZ	Iphone5s	[{"Id":"a022800000EEC6EAAX"}]
a012800000QajW1AAJ	Iphone5	
a012800000QajWVAAZ	Iphone6	[{"Id":"a022800000EEC64AAH"}]

Note: Junction objects allow you to track multiple records at once in either direction.

Delete:

Whenever you delete a record from master object like Section__c, ProductMaster__c its automatically deleted over SectionProductMasters__c

OpportunityLineItem,PriceBookEntry are standard junction objects in salesforce.