<http://www.tutorialspoint.com/sql/sql-inner-joins.htm>

The basic syntax of **INNER JOIN** is as follows:

SELECT table1.column1, table2.column2...

FROM table1

INNER JOIN table2

ON table1.common\_field = table2.common\_field;

Example:

Consider the following two tables, (a) CUSTOMERS table is as follows:

+----+----------+-----+-----------+----------+

| ID | NAME | AGE | ADDRESS | SALARY |

+----+----------+-----+-----------+----------+

| 1 | Ramesh | 32 | Ahmedabad | 2000.00 |

| 2 | Khilan | 25 | Delhi | 1500.00 |

| 3 | kaushik | 23 | Kota | 2000.00 |

| 4 | Chaitali | 25 | Mumbai | 6500.00 |

| 5 | Hardik | 27 | Bhopal | 8500.00 |

| 6 | Komal | 22 | MP | 4500.00 |

| 7 | Muffy | 24 | Indore | 10000.00 |

+----+----------+-----+-----------+----------+

(b) Another table is ORDERS as follows:

+-----+---------------------+-------------+--------+

| OID | DATE | ID | AMOUNT |

+-----+---------------------+-------------+--------+

| 102 | 2009-10-08 00:00:00 | 3 | 3000 |

| 100 | 2009-10-08 00:00:00 | 3 | 1500 |

| 101 | 2009-11-20 00:00:00 | 2 | 1560 |

| 103 | 2008-05-20 00:00:00 | 4 | 2060 |

+-----+---------------------+-------------+--------+

Now, let us join these two tables using INNER JOIN as follows:

SQL> SELECT ID, NAME, AMOUNT, DATE

 FROM CUSTOMERS

 INNER JOIN ORDERS

 ON CUSTOMERS.ID = ORDERS.CUSTOMER\_ID;

This would produce the following result:

+----+----------+--------+---------------------+

| ID | NAME | AMOUNT | DATE |

+----+----------+--------+---------------------+

| 3 | kaushik | 3000 | 2009-10-08 00:00:00 |

| 3 | kaushik | 1500 | 2009-10-08 00:00:00 |

| 2 | Khilan | 1560 | 2009-11-20 00:00:00 |

| 4 | Chaitali | 2060 | 2008-05-20 00:00:00 |

+----+----------+--------+---------------------+

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