**#Practical Code 4**

**#create table 1**

create table child (Ecode int,Ename varchar(40),Sex char(1),Grade varchar(40),Gross int);

Query OK, 0 rows affected (0.09 sec)

insert into child values(1101,"Brain",'M','E3',12000),(1102,'Maithili','F','M1',18000),(1103,'Kushagra','M','M3',24000),(1104,'vansh','M','M3',2400);

mysql> select\*from child;

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

| Ecode | Ename | Sex | Grade | Gross |

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

| 1101 | Brain | M | E3 | 12000 |

| 1102 | Maithili | F | M1 | 18000 |

| 1103 | Kushagra | M | M3 | 24000 |

| 1104 | vansh | M | M3 | 2400 |

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

4 rows in set (0.01 sec)

**#create table 2**

mysql> create table parent(Pcode varchar(20),Decscrip varchar(40),Ecode int,Due\_On date);

Query OK, 0 rows affected (0.04 sec)

ERROR 1292 (22007): Incorrect date value: '15-03-2002' for column 'Due\_On' at row 3

mysql> insert into parent values ('PZ-01','Sales Mgt',1103,'2001-11-12'),('PZ-02','Maithli','1104','2002-01-02'),("PZ-03",'Kushagra',1102,'2002-03-15'),('PZ

-04','Vansh',1101,'2002-06-18');

Query OK, 4 rows affected (0.01 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> select \*from parent;

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

| Pcode | Decscrip | Ecode | Due\_On |

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

| PZ-01 | Sales Mgt | 1103 | 2001-11-12 |

| PZ-02 | Maithli | 1104 | 2002-01-02 |

| PZ-03 | Kushagra | 1102 | 2002-03-15 |

| PZ-04 | Vansh | 1101 | 2002-06-18 |

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

4 rows in set (0.00 sec)

**1}Perform Inner Join On Child And Parent Tables**

mysql> select\*from child INNER JOIN parent ON child.Ecode=parent.Ecode;

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

| Ecode | Ename | Sex | Grade | Gross | Pcode | Decscrip | Ecode | Due\_On |

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

| 1103 | Kushagra | M | M3 | 24000 | PZ-01 | Sales Mgt | 1103 | 2001-11-12 |

| 1104 | vansh | M | M3 | 2400 | PZ-02 | Maithli | 1104 | 2002-01-02 |

| 1102 | Maithili | F | M1 | 18000 | PZ-03 | Kushagra | 1102 | 2002-03-15 |

| 1101 | Brain | M | E3 | 12000 | PZ-04 | Vansh | 1101 | 2002-06-18 |

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

4 rows in set (0.00 sec)

**2}Perform LEFT OUTER JOIN On Child And Parent Tables**

mysql> select\*from child LEFT JOIN parent ON child.Ecode=parent.Ecode;

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

| Ecode | Ename | Sex | Grade | Gross | Pcode | Decscrip | Ecode | Due\_On |

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

| 1101 | Brain | M | E3 | 12000 | PZ-04 | Vansh | 1101 | 2002-06-18 |

| 1102 | Maithili | F | M1 | 18000 | PZ-03 | Kushagra | 1102 | 2002-03-15 |

| 1103 | Kushagra | M | M3 | 24000 | PZ-01 | Sales Mgt | 1103 | 2001-11-12 |

| 1104 | vansh | M | M3 | 2400 | PZ-02 | Maithli | 1104 | 2002-01-02 |

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

4 rows in set (0.00 sec)

**3}Perform RIGHT OUTER JOIN On Child And Parent Tables**

mysql> select\*from child RIGHT JOIN parent ON child.Ecode=parent.Ecode;

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

| Ecode | Ename | Sex | Grade | Gross | Pcode | Decscrip | Ecode | Due\_On |

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

| 1103 | Kushagra | M | M3 | 24000 | PZ-01 | Sales Mgt | 1103 | 2001-11-12 |

| 1104 | vansh | M | M3 | 2400 | PZ-02 | Maithli | 1104 | 2002-01-02 |

| 1102 | Maithili | F | M1 | 18000 | PZ-03 | Kushagra | 1102 | 2002-03-15 |

| 1101 | Brain | M | E3 | 12000 | PZ-04 | Vansh | 1101 | 2002-06-18 |

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

4 rows in set (0.00 sec)