

```
DROP DATABASE IF EXISTS P7;  
CREATE DATABASE P7;  
USE P7;
```

```
CREATE TABLE ppi_call_detail (  
    phone_number    DECIMAL(10) NOT NULL,  
    call_start      TIMESTAMP,  
    call_duration   INTEGER,  
    call_description VARCHAR(30),  
    PRIMARY KEY (phone_number, call_start)  
)  
PARTITION BY RANGE(UNIX_TIMESTAMP(CALL_START))(  
    PARTITION P0 VALUES LESS THAN (UNIX_TIMESTAMP('2023-01-22 00:00:00')),  
    PARTITION P1 VALUES LESS THAN (UNIX_TIMESTAMP('2023-01-23 00:00:00'))  
);
```

```
INSERT INTO PPI_CALL_DETAIL VALUES  
(122434231, '2023-01-20 00:00:00', 50, "FDF"),  
(122343243, '2023-01-22 10:00:00', 40, "FFR");
```

```
SELECT * FROM PPI_CALL_DETAIL;
```

```
#SELECT DATA FROM PARTITION  
SELECT * FROM PPI_CALL_DETAIL PARTITION (P0);
```

```
#DROP A PARTITION  
ALTER TABLE PPI_CALL_DETAIL DROP PARTITION P0;
```