

LOOP, LEAVE, Iterator, GLOBAL VARIABLE

```
while cond
do
end while
end ;//
```

```
mysql> delimiter //
mysql> create procedure abc()
-> begin
-> declare x int default 1;
-> while x<5 do
-> insert into temp values(x, 'loop');
-> set x=x+1;
-> end while;
-> end;//
```

Query OK, 0 rows affected (0.06 sec)

```
mysql> delimiter ;
mysql> call abc();
Query OK, 1 row affected (0.49 sec)
```

```
mysql> select * from temp;
```

fir	sec
10	insid
100	inside x2
2000	PRATHA
2000	RAJA
4000	KING
4000	KIN
2000	High Sal
5000	Medium
7000	Medium
1	Mumbai
1	loop
2	loop
3	loop
4	loop

14 rows in set (0.00 sec)

```
repeat loop ::
repeat
set x=x+1;
until x>5
end repeat;
end;
```

```
mysql> delimiter //
mysql> create procedure rep()
-> begin
-> declare x int default 1;
-> repeat
-> insert into temp values(x, 'A');
-> set x=x+1;
-> until x>5
-> end repeat;
-> end;//
```

```
mysql> delimiter ;
```

```
mysql> call rep();
```

```
mysql> select * from temp;
```

fir	sec
10	insid
100	inside x2
5000	Medium
7000	Medium
1	Mumbai
1	A
2	A
3	A
4	A
5	A

Leave, Iterator, loop

```
mysql> delimiter //
```

```
mysql> create procedure A()
```

```
-> begin
-> declare x int default 1;
-> loop_name:loop
-> if x>10 then
-> leave loop_name;
-> end if;
-> set x=x+1;
-> if mod(x,2)!=0 then
-> iterate loop_name;
-> else
-> insert into temp values(x,'inloop');
-> end if;
-> end loop;
-> end; //
```

```
Query OK, 0 rows affected (0.13 sec)
```

```
mysql> delimiter ;
```

```
mysql> call A();
```

```
Query OK, 1 row affected (0.73 sec)
```

```
mysql> select * from temp;
```

fir	sec
2	inloop
4	inloop
6	inloop
8	inloop
10	inloop

GLOBAL VARIABLE::

```
mysql> set @x =10;
```

```
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> select @x from dual;
```

@x
10

```
| 10 |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> set @x =@x+10;
```

```
mysql> select @x from dual;
```

```
+-----+  
| @x |  
+-----+  
| 20 |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> set @x ='SHUBHU';  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> select @x from dual;
```

```
+-----+  
| @x |  
+-----+  
| SHUBHU |  
+-----+
```

```
mysql> set @Z ='2024-10-12';
```

```
mysql> select @Z from dual;
```

```
+-----+  
| @Z |  
+-----+  
| 2024-10-12 |  
+-----+
```