

## # Let's Look at the employee table

```
SQL> desc employee;
```

Name	Null?	Type
-----	-----	-----
ID	NOT NULL	NUMBER(15)
FIRST_NAME		VARCHAR2(100)
MIDDLE_NAME		VARCHAR2(100)
LAST_NAME		VARCHAR2(100)
SALARY		FLOAT(6)
DEPARTMENT		VARCHAR2(100)

## # Now create a sequence

```
SQL> create sequence emp_seq
```

```
2 minvalue 2
```

```
3 increment by 1
```

```
4 cache 20;
```

```
Sequence created.
```

We already had two data entries with id 1 and 2, so we have used min value with 2, so that it can start from the next value 3.

## #Let's insert values using sequence

```
SQL> insert into employee values (emp_seq.nextval,'Atik', 'Mohammad', 'Borhan', 40000, 'IT');
```

```
SQL> select id, first_name||' '||middle_name as name, salary, department from employee;
```

ID	NAME	SALARY	DEPARTMENT
1	Ziaul Karim	50000	DBA
2	Mehadi Hasan	55000	DBA
3	Atik Mohammad	40000	IT

## # Alter sequence

For altering the sequence you can try following commands:

```
SQL> alter sequence emp_seq minvalue 5;
```

```
SQL> alter sequence emp_seq increment by 2;
```

```
SQL> alter sequence emp_seq cache 10;
```

## # Drop Sequence

```
SQL> drop sequence emp_seq;
```

```
Sequence dropped.
```

## **# Creating Synonym**

```
SQL> create synonym s1 for employee;
```

```
Synonym created.
```

```
SQL> create public synonym s2 for employee;
```

```
Synonym created.
```

## **# Dropping Synonym**

```
SQL> drop public synonym s2;
```

```
Synonym dropped.
```

```
SQL> drop synonym s1;
```

```
Synonym dropped.
```