**Lab 3**

**To learn DML commands (Insert, update, delete)**

1. Perform the following insert commands to fill the records in the created tables.

INSERT ALL

into Department values ('Anaesthesia','Floor 1','Critical Care & Pain Management')

into Department values ('Cardiac','Floor 2','Surgery')

into Department values ('Diagnostics','Floor 3','Diagnosis')

into Department values ('ENT','Floor 4','Medicine')

into Department values ('General Surgery','Floor 5','Surgery')

into Department values ('Neuro Sciences','Floor 6','Diagnosis with Surgery')

into Department values ('Physiotherapy','Floor 7','Critical care & Pain Management')

into Department values ('Psychiatry','Floor 8','Diagnosis')

into Department values ('Orthopaedic','Floor 9','Critical Care & Pain Management')

into Department values ('Pulmonary','Floor 10','Reserved')

into Department values ('General','Floor 11','Reserved')

SELECT \* from DUAL

INSERT ALL

into Doctor values ('DR01','Anaesthesia')

into Doctor values ('DR02','Anaesthesia')

into Doctor values ('DC01','Anaesthesia')

into Doctor values ('DC02','Anaesthesia')

into Doctor values ('DR03','Cardiac')

into Doctor values ('DR04','Cardiac')

into Doctor values ('DC03','Cardiac')

into Doctor values ('DC04','Cardiac')

into Doctor values ('DR05','Diagnostics')

into Doctor values ('DR06','Diagnostics')

into Doctor values ('DC05','Diagnostics')

into Doctor values ('DC06','Diagnostics')

into Doctor values ('DR07','ENT')

into Doctor values ('DR08','ENT')

into Doctor values ('DC07','ENT')

into Doctor values ('DC08','ENT')

into Doctor values ('DR09','General Surgery')

into Doctor values ('DR10','General Surgery')

into Doctor values ('DC09','General Surgery')

into Doctor values ('DC10','General Surgery')

into Doctor values ('DR11','Neuro Sciences')

into Doctor values ('DR12','Neuro Sciences')

into Doctor values ('DC11','Neuro Sciences')

into Doctor values ('DC12','Neuro Sciences')

into Doctor values ('DR13','Physiotherapy')

into Doctor values ('DR14','Physiotherapy')

into Doctor values ('DC13','Physiotherapy')

into Doctor values ('DC14','Physiotherapy')

into Doctor values ('DR15','Psychiatry')

into Doctor values ('DR16','Psychiatry')

into Doctor values ('DC15','Psychiatry')

into Doctor values ('DC16','Psychiatry')

into Doctor values ('DR17','Orthopaedic')

into Doctor values ('DR18','Orthopaedic')

into Doctor values ('DC17','Orthopaedic')

into Doctor values ('DC18','Orthopaedic')

into Doctor values ('DR19','Pulmonary')

into Doctor values ('DR20','Pulmonary')

into Doctor values ('DC19','Pulmonary')

into Doctor values ('DC20','Pulmonary')

SELECT \* from DUAL

INSERT ALL

into Patient values ('PT001','AAA',35,'M','Civil Lines','Kanpur',9080706051,'01-JUN-2016','Cardiac Problem','DR03','Cardiac')

into Patient values ('PT002','AAB',40,'F','Kalyanpur','Kanpur',9080706052,'02-JUN-2016','Physio Problem','DR13','Physiotherapy')

into Patient values ('PT003','AAC',45,'M','Parade','Kanpur',9080706053,'01-JUN-2016','ENT Problem','DC13','ENT')

into Patient values ('PT004','AAD',50,'F','Rawatpur','Kanpur',9080706054,'02-JUN-2016','Diagnostics Problem','DR05','Diagnostics')

into Patient values ('PT005','AAE',55,'M','Harjinder Nagar','Kanpur',9080706055,'03-JUN-2016','Neuro Problem','DR11','Neuro Sciences')

into Patient values ('PT006','BAA',35,'M','Civil Lines','Lucknow',9080706061,'01-JUN-2016','Ortho Problem','DC17','Orthopaedic')

into Patient values ('PT007','BAB',40,'F','Charbagh','Lucknow',9080706062,'02-JUN-2016','Surgery','DC09','General Surgery')

into Patient values ('PT008','BAC',45,'M','Alambagh','Lucknow',9080706063,'01-JUN-2016','ENT Problem','DC13','ENT')

into Patient values ('PT009','BAD',50,'F','Gomti Nagar','Lucknow',9080706064,'02-JUN-2016','Surgery','DR09','General Surgery')

into Patient values ('PT010','BAE',55,'M','Hazrat Ganj','Lucknow',9080706065,'03-JUN-2016','Neuro Problem','DR11','Neuro Sciences')

into Patient values ('PT011','CAA',35,'M','Civil Lines','New Delhi',9080706071,'01-JUN-2016','Ortho Problem','DC17','Orthopaedic')

into Patient values ('PT012','CAB',40,'F','Charbagh','New Delhi',9080706072,'02-JUN-2016','Surgery','DC09','General Surgery')

into Patient values ('PT013','CAC',45,'M','Alambagh','New Delhi',9080706073,'01-JUN-2016','ENT Problem','DC13','ENT')

into Patient values ('PT014','DAD',50,'F','Gomti Nagar','New Delhi',9080706074,'02-JUN-2016','Surgery','DR09','General Surgery')

into Patient values ('PT015','DAE',55,'M','Hazrat Ganj','New Delhi',9080706075,'03-JUN-2016','Neuro Problem','DR11','Neuro Sciences')

SELECT \* from DUAL

INSERT ALL

into ROOM\_DETAILS values (101,'P AC','N','PT001',5000)

into ROOM\_DETAILS values (102,'P AC','N','PT003',5000)

into ROOM\_DETAILS values (103,'P AC','N','PT010',5000)

into ROOM\_DETAILS values (104,'P AC','N','PT019',5000)

into ROOM\_DETAILS values (105,'P AC','N','PT020',5000)

into ROOM\_DETAILS values (201,'P NON-AC','N','PT007',3000)

into ROOM\_DETAILS values (202,'P NON-AC','N','PT005',3000)

into ROOM\_DETAILS values (203,'P NON-AC','Y','',3000)

into ROOM\_DETAILS values (204,'P NON-AC','Y','',3000)

into ROOM\_DETAILS values (205,'P NON-AC','Y','',3000)

into ROOM\_DETAILS values (301,'G AC','N','PT009',3000)

into ROOM\_DETAILS values (302,'G AC','N','PT012',3000)

into ROOM\_DETAILS values (303,'G AC','N','PT014',3000)

into ROOM\_DETAILS values (304,'G AC','Y','',3000)

into ROOM\_DETAILS values (305,'G AC','Y','',3000)

into ROOM\_DETAILS values (401,'G NON-AC','Y','PT011',2000)

into ROOM\_DETAILS values (402,'G NON-AC','Y','PT017',2000)

into ROOM\_DETAILS values (403,'G NON-AC','Y','',2000)

into ROOM\_DETAILS values (404,'G NON-AC','Y','',2000)

into ROOM\_DETAILS values (405,'G NON-AC','Y','',2000)

SELECT \* from DUAL

INSERT ALL

into DOC\_REG values ('DR01','Dr. A','MD',80000,8090607011,'01-Jan-2004')

into DOC\_REG values ('DR02','Dr. B','MD',60000,8090607012,'01-Mar-2007')

into DOC\_REG values ('DR03','Dr. C','MBBS',100000,8090607013,'01-May-2008')

into DOC\_REG values ('DR04','Dr. D','MBBS',120000,8090607014,'01-Jul-2010')

into DOC\_REG values ('DR05','Dr. E','MD',50000,8090607015,'01-Sep-2006')

into DOC\_REG values ('DR06','Dr. F','MD',60000,8090607016,'01-Nov-2012')

into DOC\_REG values ('DR07','Dr. G','MBBS',80000,8090607017,'01-Feb-2010')

into DOC\_REG values ('DR08','Dr. H','MBBS',90000,8090607018,'01-Apr-2013')

into DOC\_REG values ('DR09','Dr. I','MBBS',120000,8090607019,'01-Jun-2010')

into DOC\_REG values ('DR10','Dr. J','MBBS',150000,8090607020,'01-Aug-2015')

into DOC\_REG values ('DR11','Dr. K','MBBS',140000,8090607031,'01-Oct-2012')

into DOC\_REG values ('DR12','Dr. L','MD',120000,8090607032,'01-Dec-2010')

into DOC\_REG values ('DR13','Dr. M','MBBS',80000,8090607033,'01-Nov-2011')

into DOC\_REG values ('DR14','Dr. N','MD',60000,8090607034,'01-Aug-2014')

into DOC\_REG values ('DR15','Dr. O','MD',60000,8090607035,'01-Apr-2015')

into DOC\_REG values ('DR16','Dr. P','MD',60000,8090607036,'01-Jan-2010')

into DOC\_REG values ('DR17','Dr. Q','MBBS',90000,8090607037,'01-Mar-2007')

into DOC\_REG values ('DR18','Dr. R','MD',70000,8090607038,'01-Jun-2009')

into DOC\_REG values ('DR19','Dr. S','MD',650000,8090607039,'01-Sep-2010')

into DOC\_REG values ('DR20','Dr. T','MD',70000,8090607040,'01-Dec-2012')

SELECT \* from DUAL

INSERT ALL

into DOC\_ON\_CALL values ('DC01','Dr. AT','MD',800,8090607051)

into DOC\_ON\_CALL values ('DC02','Dr. BS','MD',600,8090607052)

into DOC\_ON\_CALL values ('DC03','Dr. CR','MBBS',1000,8090607053)

into DOC\_ON\_CALL values ('DC04','Dr. DQ','MBBS',1200,8090607054)

into DOC\_ON\_CALL values ('DC05','Dr. EP','MD',500,8090607055)

into DOC\_ON\_CALL values ('DC06','Dr. FO','MD',600,8090607056)

into DOC\_ON\_CALL values ('DC07','Dr. GN','MBBS',800,8090607057)

into DOC\_ON\_CALL values ('DC08','Dr. HM','MBBS',900,8090607058)

into DOC\_ON\_CALL values ('DC09','Dr. IL','MBBS',1200,8090607059)

into DOC\_ON\_CALL values ('DC10','Dr. JK','MBBS',1500,8090607060)

into DOC\_ON\_CALL values ('DC11','Dr. KJ','MBBS',1400,8090607081)

into DOC\_ON\_CALL values ('DC12','Dr. LI','MD',1200,8090607082)

into DOC\_ON\_CALL values ('DC13','Dr. MH','MBBS',800,8090607083)

into DOC\_ON\_CALL values ('DC14','Dr. NG','MD',600,8090607084)

into DOC\_ON\_CALL values ('DC15','Dr. OF','MD',600,8090607085)

into DOC\_ON\_CALL values ('DC16','Dr. PE','MD',600,8090607086)

into DOC\_ON\_CALL values ('DC17','Dr. QD','MBBS',900,8090607087)

into DOC\_ON\_CALL values ('DC18','Dr. RC','MD',700,8090607088)

into DOC\_ON\_CALL values ('DC19','Dr. SB','MD',500,8090607089)

into DOC\_ON\_CALL values ('DC20','Dr. TA','MD',600,8090607090)

SELECT \* from DUAL

INSERT ALL

into Pat\_checkup values ('PT001','DR03','Cardiac Problem','Referred for Operation','Preliminary')

into Pat\_checkup values ('PT002','DR13','Physio Problem','RegularPatient','Regular Treatment')

into Pat\_checkup values ('PT003','DC13','ENT Problem','Admitted','Adviced Treatment')

into Pat\_checkup values ('PT004','DR05','Diagnostics Problem','RegularPatient','Regular Treatment')

into Pat\_checkup values ('PT005','DR11','Neuro Problem','Referred for Operation','Preliminary')

into Pat\_checkup values ('PT006','DC17','Ortho Problem','RegularPatient','Regular Treatment')

into Pat\_checkup values ('PT007','DC09','Surgery','Referred for Operation','Preliminary')

into Pat\_checkup values ('PT008','DC13','ENT Problem','RegularPatient','Regular Treatment')

into Pat\_checkup values ('PT009','DR09','Surgery','Referred for Operation','Preliminary')

into Pat\_checkup values ('PT010','DR11','Neuro Problem','Admitted','Adviced Treatment')

into Pat\_checkup values ('PT011','DR19','Pulmonary Problem','Admitted','Adviced Treatment')

into Pat\_checkup values ('PT012','DC09','Surgery','Referred for Operation','Preliminary')

into Pat\_checkup values ('PT013','DC13','ENT Problem','RegularPatient','Regular Treatment')

into Pat\_checkup values ('PT014','DR09','Surgery','Referred for Operation','Preliminary')

into Pat\_checkup values ('PT015','DR11','Neuro Problem','RegularPatient','Regular Treatment')

into Pat\_checkup values ('PT016','DR19','Pulmonary Problem','RegularPatient','Regular Treatment')

into Pat\_checkup values ('PT017','DR09','Surgery','Referred for Operation','Preliminary')

into Pat\_checkup values ('PT018','DR18','Ortho Problem','RegularPatient','Regular Treatment')

into Pat\_checkup values ('PT019','DR10','Surgery','Referred for Operation','Preliminary')

into Pat\_checkup values ('PT020','DC12','Neuro Problem','Admitted','Adviced Treatment')

SELECT \* from DUAL

INSERT ALL

into Pat\_Admit values ('PT001','DR03','Cardiac Problem','Referred for Operation','Preliminary','31-May-2016',101)

into Pat\_Admit values ('PT003','DC13','ENT Problem','Admitted','Adviced Treatment','29-May-2016',102)

into Pat\_Admit values ('PT005','DR11','Neuro Problem','Referred for Operation','Preliminary','30-May-2016',202)

into Pat\_Admit values ('PT007','DC09','Surgery','Referred for Operation','Preliminary','30-May-2016',201)

into Pat\_Admit values ('PT009','DR09','Surgery','Referred for Operation','Preliminary','29-May-2016',301)

into Pat\_Admit values ('PT010','DR11','Neuro Problem','Admitted','Adviced Treatment','03-Jun-2016',103)

into Pat\_Admit values ('PT011','DR19','Pulmonary Problem','Admitted','Adviced Treatment','30-May-2016',401)

into Pat\_Admit values ('PT012','DC09','Surgery','Referred for Operation','Preliminary','31-May-2016',302)

into Pat\_Admit values ('PT014','DR09','Surgery','Referred for Operation','Preliminary','30-May-2016',303)

into Pat\_Admit values ('PT017','DR09','Surgery','Referred for Operation','Preliminary','31-May-2016',402)

into Pat\_Admit values ('PT019','DR10','Surgery','Referred for Operation','Preliminary','31-May-2016',104)

into Pat\_Admit values ('PT020','DC12','Neuro Problem','Admitted','Adviced Treatment','30-May-2016',105)

SELECT \* from DUAL

INSERT ALL

into Pat\_Reg values ('PT001','21-Feb-2016','Cardiac Problem','Preliminary','Regular')

into Pat\_Reg values ('PT002','31-Mar-2016','Physio Problem','RegularTreatment','Basic')

into Pat\_Reg values ('PT003','12-Feb-2016','ENT Problem','AdvicedTreatment','Basic')

into Pat\_Reg values ('PT004','05-Apr-2016','Diagnostics Problem','RegularTreatment','Basic')

into Pat\_Reg values ('PT005','11-May-2016','Neuro Problem','Preliminary','Regular')

into Pat\_Reg values ('PT006','17-May-2016','Ortho Problem','RegularTreatment','Regular')

into Pat\_Reg values ('PT007','30-May-2016','Surgery','Preliminary','Cured')

into Pat\_Reg values ('PT008','13-Mar-2016','ENT Problem','RegularTreatment','Regular')

into Pat\_Reg values ('PT009','19-May-2016','Surgery','Preliminary','Cured')

into Pat\_Reg values ('PT010','11-May-2016','Neuro Problem','AdvicedTreatment','Regular')

into Pat\_Reg values ('PT011','19-Feb-2016','Pulmonary Problem','AdvicedTreatment','Basic')

into Pat\_Reg values ('PT012','30-May-2016','Surgery','Preliminary','Cured')

into Pat\_Reg values ('PT013','13-Apr-2016','ENT Problem','RegularTreatment','Basic')

into Pat\_Reg values ('PT014','27-May-2016','Surgery','Preliminary','Cured')

into Pat\_Reg values ('PT015','11-Mar-2016','Neuro Problem','RegularTreatment','Regular')

into Pat\_Reg values ('PT016','19-Apr-2016','Pulmonary Problem','RegularTreatment','Basic')

into Pat\_Reg values ('PT017','29-May-2016','Surgery','Preliminary','Cured')

into Pat\_Reg values ('PT018','18-May-2016','Ortho Problem','RegularTreatment','Regular')

into Pat\_Reg values ('PT019','31-May-2016','Surgery','Preliminary','Cured')

into Pat\_Reg values ('PT020','02-Jun-2016','Neuro Problem','AdvicedTreatment','Regular')

SELECT \* from DUAL

INSERT ALL

into Pat\_Oprtn values ('PT001','DR03','31-May-16','01-Jun-2016','Major','OT 1')

into Pat\_Oprtn values ('PT005','DR11','30-May-16','01-Jun-2016','Major','OT 2')

into Pat\_Oprtn values ('PT007','DC09','30-May-16','02-Jun-2016','Minor','OT 1')

into Pat\_Oprtn values ('PT009','DR09','29-May-16','31-May-2016','Minor','OT 2')

into Pat\_Oprtn values ('PT012','DC09','31-May-16','02-Jun-2016','Minor','OT 1')

into Pat\_Oprtn values ('PT014','DR09','30-May-16','03-Jun-2016','Major','OT 2')

into Pat\_Oprtn values ('PT017','DR09','31-May-16','03-Jun-2016','Minor','OT 1')

into Pat\_Oprtn values ('PT019','DR10','31-May-16','31-May-2016','Major','OT 2')

SELECT \* from DUAL

INSERT ALL

into Pat\_Dischrg values ('PT001','DR03','Cardiac Problem','Regular',154165,'06-Jun-16')

into Pat\_Dischrg values ('PT003','DC13','ENT Problem','Short Term',52304,'04-Jun-16')

into Pat\_Dischrg values ('PT005','DR11','Neuro Problem','Long Term',184234,'05-Jun-16')

into Pat\_Dischrg values ('PT007','DC09','Surgery','Short Term',41652,'05-Jun-16')

into Pat\_Dischrg values ('PT009','DR09','Surgery','Regular',35485,'03-Jun-16')

into Pat\_Dischrg values ('PT010','DR11','Neuro Problem','Regular',166168,'07-Jun-16')

into Pat\_Dischrg values ('PT011','DR19','Pulmonary Problem','Long Term',55262,'03-Jun-16')

into Pat\_Dischrg values ('PT012','DC09','Surgery','Short Term',54316,'04-Jun-16')

into Pat\_Dischrg values ('PT014','DR09','Surgery','Long Term',124285,'08-Jun-16')

into Pat\_Dischrg values ('PT017','DR09','Surgery','Short Term',34165,'06-Jun-16')

into Pat\_Dischrg values ('PT019','DR10','Surgery','Long term',24165,'02-Jun-16')

into Pat\_Dischrg values ('PT020','DC12','Neuro Problem','Regular',124784,'04-Jun-16')

SELECT \* from DUAL

)

1. Write a query to update a record of Department table from General to Medicine where location of department is at Floor 11.
2. Write a query to delete a record of Department table where location of department is at Floor 11.