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| --- | --- | --- | --- | --- | --- | --- |
| **Exp. No** | **Conducted on** | **Submitted On** | **Date of Late Submission**  **(if Any)** | **Max Marks Allotted** | **Marks Obtained** | **Faculty Signature** |
| 4 |  |  |  | 10 |  |  |
| **Exp Title** | In Built Functions in SQL | | | | | |

**Aim –**To check the inbuild functions in SQL.

**Syntax (for all DDL Commands) –**

**Queries (for all DDL Commands) –**

**CREATE TABLE person(ID NUMBER, Name VARCHAR(45))**

**2 ;**

**Table created.**

**SQL> desc person**

**Name Null? Type**

**----------------------------------------- -------- ----------------------------**

**ID NUMBER**

**NAME VARCHAR2(45)**

**SQL> insert into person values(1,'JACK MA');**

**1 row created.**

**SQL> insert into person values(2,'ELON MUSK');**

**1 row created.**

**SQL> insert into person values(3,'MUKESH AMBANI');**

**1 row created.**

**SQL> insert into person values(4,'JEFF BEJ');**

**1 row created.**

**SQL> insert into person values(5,'RAKESH JHUN');**

**1 row created.**

**SQL> select \* from person**

**2 ;**

**ID NAME**

**---------- ---------------------------------------------**

**1 JACK MA**

**2 ELON MUSK**

**3 MUKESH AMBANI**

**4 JEFF BEJ**

**5 RAKESH JHUN**

**SQL> SELECT CONCAT('JACK','MA')NAME FROM person;**

**NAME**

**------**

**JACKMA**

**JACKMA**

**JACKMA**

**JACKMA**

**JACKMA**

**SQL> SELECT CONCAT('JACK','MA')NAME FROM person where id=1;**

**NAME**

**------**

**JACKMA**

**SQL> insert into person values(6,'BILL GATES');**

**1 row created.**

**SQL> select INITCAP('BILL GATES')name from person where id=6;**

**NAME**

**----------**

**Bill Gates**

**SQL> select INSTR('BILL GATES','T')name from person where id=6;**

**NAME**

**----------**

**8**

**SQL> select INSTR('BILL GATES','A')position from person where id=6;**

**POSITION**

**----------**

**7**

**SQL> select LENGTH('BILL GATES')length12 from person where id=6;**

**LENGTH12**

**----------**

**10**

**SQL> select LOWER('BILL GATES')lower12 from person where id =6;**

**LOWER12**

**----------**

**bill gates**

**SQL> select RPAD('BILL GATES',15,'dfg')output from person where id=6;**

**OUTPUT**

**---------------**

**BILL GATESdfgdf**

**SQL> select LPAD('BILL GATES',15,'ghj')outpust from person where id=6;**

**OUTPUST**

**---------------**

**ghjghBILL GATES**

**SQL> insert into person values(7,' JACKI CHAN');**

**1 row created.**

**SQL> select trim(' JACKI CHAN')output from person where id =7;**

**OUTPUT**

**----------**

**JACKI CHAN**

**SQL> delete from person where id =7;**

**1 row deleted.**

**SQL> insert into person values(7,' JACKI CHAN');**

**1 row created.**

**SQL> select \* from person;**

**ID NAME**

**---------- ---------------------------------------------**

**1 JACK MA**

**2 ELON MUSK**

**3 MUKESH AMBANI**

**4 JEFF BEJ**

**5 RAKESH JHUN**

**6 BILL GATES**

**7 JACKI CHAN**

**7 rows selected.**

**SQL> select id, name from person order by id desc;**

**ID NAME**

**---------- ---------------------------------------------**

**7 JACKI CHAN**

**6 BILL GATES**

**5 RAKESH JHUN**

**4 JEFF BEJ**

**3 MUKESH AMBANI**

**2 ELON MUSK**

**1 JACK MA**

**7 rows selected.**

**SQL> select \* from student;**

**STUDENTID SNAME DEPAR SEM**

**---------- ------------------------------ ----- ----------**

**EMAIL\_ID COLLEGE**

**------------------------------ ------------------------------**

**965 PARTH CSE 8**

**parth@xyz.com SRM**

**1 SIDDHARTH CSE 6**

**siddharth@xyz.com SRM**

**659 MAYANK CSE 6**

**mayank@xyz.com SRM**

**STUDENTID SNAME DEPAR SEM**

**---------- ------------------------------ ----- ----------**

**EMAIL\_ID COLLEGE**

**------------------------------ ------------------------------**

**4060 DAS CSE 6**

**das@xyz.com SRM**

**569 AMIT EEE 6**

**amit@xyz.com SRM**

**7850 PADI IT 2**

**padi@xyz.com SRM**

**STUDENTID SNAME DEPAR SEM**

**---------- ------------------------------ ----- ----------**

**EMAIL\_ID COLLEGE**

**------------------------------ ------------------------------**

**5846 JAY CSE 6**

**jay@xyz.com SRM**

**89650 ROHIT MEC 4**

**roh@xyz.com SRM**

**254 RONIT EEE 6**

**ron@xyz.com SRM**

**STUDENTID SNAME DEPAR SEM**

**---------- ------------------------------ ----- ----------**

**EMAIL\_ID COLLEGE**

**------------------------------ ------------------------------**

**908 PALLAV BIOT 6**

**pal@xyz.com SRM**

**10 rows selected.**

**SQL> select STUDENTID, SNAME from studen order by SEM desc;**

**select STUDENTID, SNAME from studen order by SEM desc**

**\***

**ERROR at line 1:**

**ORA-00942: table or view does not exist**

**SQL> select STUDENTID, SNAME from student order by SEM desc;**

**STUDENTID SNAME**

**---------- ------------------------------**

**965 PARTH**

**659 MAYANK**

**4060 DAS**

**908 PALLAV**

**1 SIDDHARTH**

**569 AMIT**

**254 RONIT**

**5846 JAY**

**89650 ROHIT**

**7850 PADI**

**10 rows selected.**

**Result -** Thus the inbuild functions were used to modify the tables