|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **SNAME** | **SALARY** | **BONUS** | **DATE OF JOIN** |
| A01 | Beena Mehta | 30000 | 45.23 | 29-10-2019 |
| A02 | K. L. Sahay | 50000 | 25.34 | 13-03-2018 |
| B03 | Nisha Thakkar | 30000 | 35.00 | 18-03-2017 |
| B04 | Leela Yadav | 80000 | NULL | 31-12-2018 |
| C05 | Gautam Gola | 20000 | NULL | 23-01-1989 |
| C06 | Trapti Garg | 70000 | 12.37 | 15-06-1987 |
| D07 | Neena Sharma | 50000 | 27.89 | 18-03-1999 |

**Write SQL queries using SQL functions to perform the following operations:**

**a) Display salesman name and bonus after rounding off to zero decimal places.**

**b) Display the position of occurrence of the string “ta” in salesman names.**

**c) Display the four characters from salesman name starting from second character.**

**d) Display the month name for the date of join of salesman.**

**e) Display the name of the weekday for the date of join of salesman.**

* create database marketing;
* use marketing;
* create table SALESMAN(
* SNO char(3),
* SNAME varchar(30),
* SALARY int,
* BONUS float(4,2),
* DATE\_OF\_JOIN date);
* insert into SALESMAN values
* ("A01","Beena Mehta",30000,45.23,str\_to\_date("29-10-2019","%d-%m-%Y")),
* ("A02","K.L Sahay",50000,25.34,str\_to\_date("13-03-2018","%d-%m-%Y")),
* ("B03","Nisha Thakkar",30000,35.00,str\_to\_date("18-03-2017","%d-%m-%Y")),
* ("B04","Neela Yadav",80000,null,str\_to\_date("31-12-2018","%d-%m-%Y")),
* ("C05","Gautam Gola",20000,null,str\_to\_date("23-01-1989","%d-%m-%Y")),
* ("C06","Trapti Garg ",70000,12.37,str\_to\_date("15-06-1987","%d-%m-%Y")),
* ("D07","Neena Sharma",50000,27.89,str\_to\_date("18-03-1999","%d-%m-%Y"));
* select \* from SALESMAN;
* -- (a)
* update SALESMAN set BONUS = round(BONUS);
* alter table SALESMAN modify BONUS int;
* select SNAME,BONUS from SALESMAN;
* -- (b)
* select SNAME,locate("ta",SNAME) as position from SALESMAN;
* -- (c)
* select SNAME,substr(SNAME,2,4) as characters from SALESMAN;
* -- (d)
* Select DATE\_OF\_JOIN,date\_format(DATE\_OF\_JOIN,"%b") as Joining\_Month from SALESMAN;
* -- (e)
* Select DATE\_OF\_JOIN,date\_format(DATE\_OF\_JOIN,"%a") as Joining\_Weekday from SALESMAN;