Q-1. Write an SQL query to print the first three characters of FIRST_NAME from Worker table.

SELECT SUBSTRING(FIRST_NAME,1,3) FROM worker;

OR

SELECT LEFT(first_name, 3) FROM worker;

```
1 •    use workDatabase
2 ☒    SELECT SUBSTRING(FIRST_NAME,1,3) FROM worker;
3      |
4
```

| Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

SUBSTRING(FIRST_NAME,1,3)
▶ Ami
Vip
Sat
Bha
Aru
Sac
Div
Cha
Dee
Nir
Bha
Shu
Man
Rat
Ram

Result 13 ✕

Output

⬚ Action Output   ▾

#	Time	Action	Message
●	1	16:06:29	SELECT SUBSTRING(FIRST_NAME,1,3) FROM worker LIMIT 0, 1000	15 row(s) returned

Q-2. Write an SQL query to find the position of the alphabet ('a') in the first name column 'Amitabh' from Worker table.

SELECT POSITION("A" IN first_name) FROM worker WHERE first_name = "Amitabh";

```
1 •    use workDatabase
2 ⊗    SELECT POSITION("A" IN first_name) FROM worker WHERE first_name = "Amitabh";
3
4
```

| Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

POSITION("A" IN first_name)
▶ 1

Output

Action Output ▾

#	Time	Action	Message
✓ 1	16:20:18	SELECT POSITION("A" IN first_name) FROM worker WHERE first_name = "Amitabh" LIMIT 0, 1000	1 row(s) returned

SELECT INSTR(first_name, "A") FROM worker WHERE first_name = "Amitabh";

```
1 •    use workDatabase
2 ⊗    SELECT INSTR(first_name, "A") FROM worker WHERE first_name = "Amitabh";
3      |
```

| Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

INSTR(first_name, "A")
▶ 1

Output

Action Output   ▼

#	Time	Action	Message
✓	1 16:23:49	SELECT INSTR(first_name, "A") FROM worker WHERE first_name = "Amitabh" LIMIT 0, 1000	1 row(s) returned

Q-3. Write an SQL query to print the name of employees having the highest salary in each department.

SELECT DEPARTMENT, MAX(Salary) FROM worker GROUP BY DEPARTMENT

```
1 •    use workDatabase
2 ✗    SELECT DEPARTMENT, MAX(Salary) FROM worker GROUP BY DEPARTMENT
3
4
```

Result Grid | ▦ | ↔ Filter Rows: [   ] | Export: 🖫 | Wrap Cell Content: ĪA

DEPARTMENT	MAX(Salary)
▶ Admin	50000
HR	93000
Accounts	45000
Sales	80000
IT	60000
Transport	76000
Finance	56700

Result 19 ✕

Output

Action Output   ▼

#	Time	Action	Message
✓	1 16:44:18	SELECT DEPARTMENT, MAX(Salary) FROM worker GROUP BY DEPARTMENT LIMIT 0, 1000	7 row(s) returned