

1. Write an SQL query to print the first three characters of FIRST\_NAME from Worker table.

Ans:

The screenshot shows the SQL Developer interface. The query editor contains the following SQL query:

```
1 • SELECT LEFT(FIRST_NAME, 3) AS FIR_Three FROM Worker
```

The query is executed, and the results are displayed in the Result Grid. The results are as follows:

FIR_Three
Don
Dou
Jen
Mic
Pat
Sus
Her
She
Wil

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

Ans:

The screenshot shows the SQL Developer interface. The query editor contains the following SQL query:

```
1 • SELECT POSITION('a' IN FIRST_NAME) AS a_position FROM Worker WHERE FIRST_NAME = 'Amitabh'
```

The query is executed, and the results are displayed in the Result Grid. The results are as follows:

a_position
1

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

Ans:

The screenshot shows the SQL Developer interface. The query editor contains the following SQL query:

```
1 • SELECT FIRST_NAME, JOB_ID, SALARY
2 FROM Worker a
3 WHERE SALARY = (SELECT Highest FROM SALMAX WHERE JOB_ID = a.JOB_ID);
```

The query is executed, and the results are displayed in the Result Grid. The results are as follows:

FIRST_NAME	JOB_ID	SALARY
Donald	SH_CLERK	2600
Douglas	SH_CLERK	2600
Jennifer	AD_ASST	4400
Michael	MK_MAN	13000
Pat	MK_REP	6000
Hermann	PR_REP	10000
Shelley	AC_MGR	12008
William	AK_ACCOUNT	8300