

1. Write an SQL query to print the FIRST_NAME from Worker table after replacing 'a' with 'A'.

Ans:

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

```
1 • SELECT REPLACE(FIRST_NAME,'a','A') FROM Worker
2
```

The result grid displays the output of the query, showing the first names of workers with 'a' replaced by 'A':

REPLACE(FIRST_NAME,'a','A')
DonAld
DouglAs
Jennifer
MichAel
PAT
SusAn
HermAnn
Shelley
WillAm
AmitAbh

The status bar at the bottom indicates "Result 40 x" and "Read Only".

2. Write an SQL query to print all Worker details from the Worker table order by FIRST_NAME Ascending and DEPARTMENT Descending.

Ans:

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

```
1 • SELECT * FROM Worker
2 order by FIRST_NAME, JOB_ID Desc
```

The result grid displays the output of the query, showing all worker details sorted by FIRST_NAME Ascending and DEPARTMENT Descending:

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	JOB_ID	SALARY	DEPARTMENT_ID
207	Amitabh	Bacchan	ABACH	650507432	HR_REP	34000	40
198	Donald	OConnell	DOCONNEL	650507983	SH_CLERK	2600	50
199	Douglas	Grant	DGRANT	650507984	SH_CLERK	2600	50
204	Hermann	Baer	HBAER	551238888	PR_REP	10000	70
200	Jennifer	Whalen	JWHALEN	515123444	AD_ASST	4400	10
201	Michael	Hartstein	MHARTSTE	511234444	MK_MAN	13000	20
202	Pat	Fay	PFAY	603123666	MK_REP	6000	20
205	Shelley	Higgins	SHIGGINS	151238080	AC_MGR	12008	110
203	Susan	Mavris	SMAVRIS	151237777	HR_REP	6500	40
206	William	Gietz	WGIEZT	515238181	AK_ACCOUNT	8300	110

The status bar at the bottom indicates "Worker 41 x" and "Read Only".

3. Write an SQL query to fetch the names of workers who earn the highest salary.

Ans:

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

```
1 • SELECT FIRST_NAME,SALARY FROM Worker
2 order by SALARY Desc limit 1
```

The result grid displays the output of the query, showing the first name and salary of the worker with the highest salary:

FIRST_NAME	SALARY
Amitabh	34000

The status bar at the bottom indicates "Worker 44 x" and "Read Only".