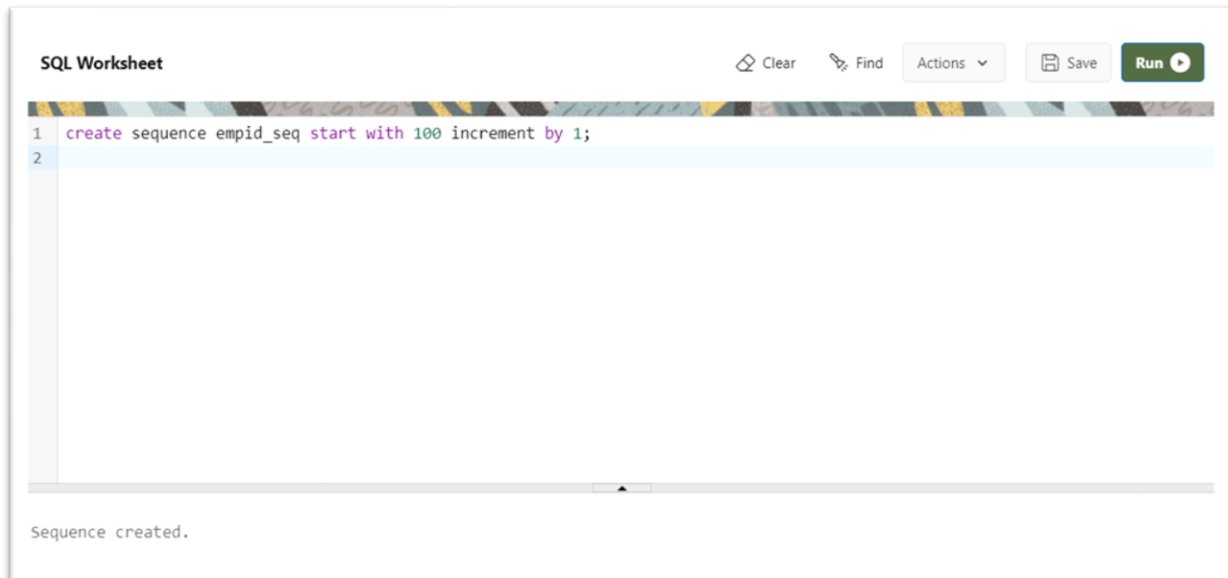


Q1- Create a sequence by name EMPID_SEQ starting with value 100 with an interval of 1

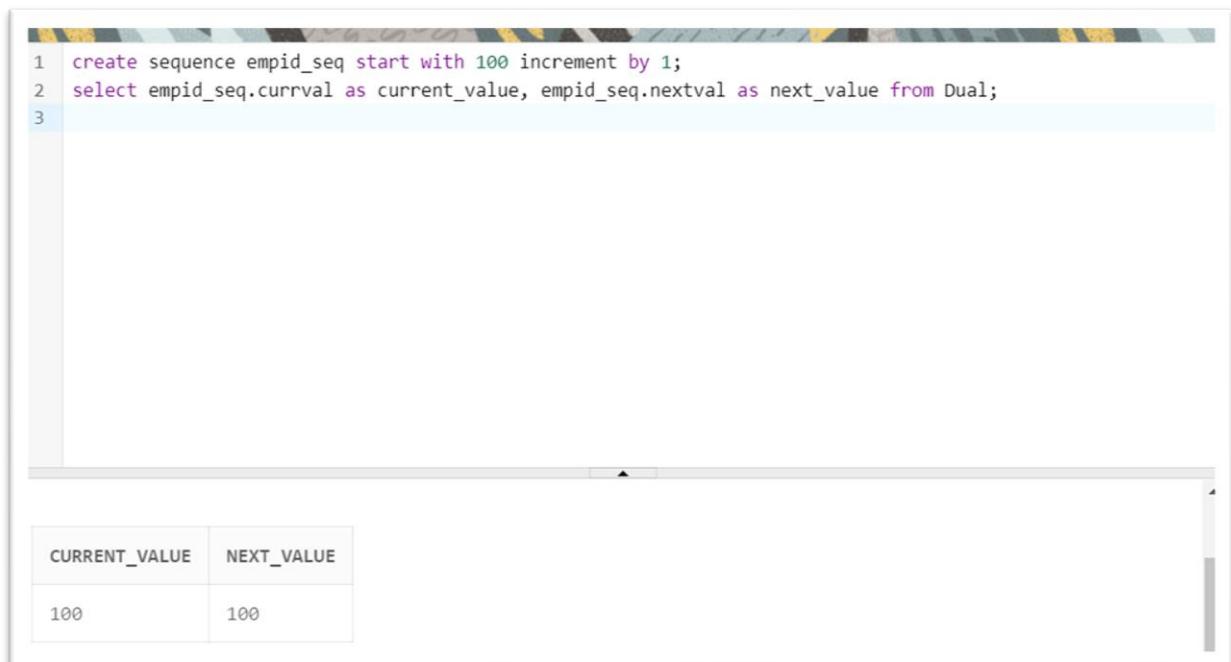


The screenshot shows an SQL Worksheet interface. At the top, there is a header bar with the text "SQL Worksheet" on the left and a series of icons (Clear, Find, Actions, Save, Run) on the right. Below the header is a text area containing two lines of SQL code: "1 create sequence empid_seq start with 100 increment by 1;" and "2". The text area has a light blue background for the second line. Below the text area, there is a status bar that says "Sequence created."

```
1 create sequence empid_seq start with 100 increment by 1;
2
```

Sequence created.

Q2- Write a SQL command for finding the current and the next status of EMPID_SEQ.



The screenshot shows an SQL Worksheet interface. At the top, there is a header bar with the text "SQL Worksheet" on the left and a series of icons (Clear, Find, Actions, Save, Run) on the right. Below the header is a text area containing three lines of SQL code: "1 create sequence empid_seq start with 100 increment by 1;", "2 select empid_seq.currval as current_value, empid_seq.nextval as next_value from Dual;", and "3". The text area has a light blue background for the second and third lines. Below the text area, there is a table with two columns: "CURRENT_VALUE" and "NEXT_VALUE". The table has two rows: the first row contains the values "100" and "100", and the second row is empty.

```
1 create sequence empid_seq start with 100 increment by 1;
2 select empid_seq.currval as current_value, empid_seq.nextval as next_value from Dual;
3
```

CURRENT_VALUE	NEXT_VALUE
100	100

Q3- Change the Cache value of the sequence EMPID_SEQ to 20 and maxvalue to 1000

SQL Worksheet

ClearFindActionsSaveRun

```
1 Alter sequence empid_seq cache 20 maxvalue 1000;
```

Sequence altered.

Q4- Insert values in employees table using sequences for employee_id column

```
1 v INSERT INTO employee(employee_id, first_name, last_name, email)
2 VALUES (EMPID_SEQ.NEXTVAL, 'John', 'Doe', 'johndoe@example.com');
3
```

1 row(s) inserted.

Q5- Drop sequence EMPID_SEQ.

SQL Worksheet

ClearFindActionsSaveRun

```
1 v INSERT INTO employee(employee_id, first_name, last_name, email)
2 VALUES (EMPID_SEQ.NEXTVAL, 'John', 'Doe', 'johndoe@example.com');
3 DROP SEQUENCE empid_seq;
```

1 row(s) inserted.
Sequence dropped.

Q6- Create a sequence called REVERSE to generate numbers in the descending order from 10000 to 1000 with a decrement of 5

SQL Worksheet

ClearFindActionsSaveRun

```
1 v CREATE SEQUENCE REVERSE
2 START WITH 10000
3 INCREMENT BY -5
4 MINVALUE 1000
5 MAXVALUE 10000;
```

Sequence created.