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DATE – 29 SEPT 2021

BRANCH – BTECH CSE

SEC = 13 A

UID -20BCS2761

SUB- DBMS LAB MST

Write a PL/SQL program to find area and perimeter of rectangle.

SOLUTION –

```
-- Declaration statement
-- Declaration of length and assigning values
l NUMBER(4, 2) := 3;
--Declaration of breadth and assigning values
b NUMBER(4, 2) := 7;
--Declaration of a variable for Area of rectangle
a NUMBER(4, 2);

--Declaration of a variable for perimeter
p NUMBER(4, 2);
BEGIN

-- calculate area and perimeter
a := l * b;
p := 2 * (l + b);

--Display result
dbms_output.Put_line('Area of the rectangle is '
|| a);
dbms_output.Put_line('Perimeter of the rectangle is '
|| p);
END;--END program
```

CODE IN COMPILER

Execute | Share | sql.sh | STDIN

```
1 -- Declaration statement
2 |
3 -- Declaration of length and assigning values
4 l NUMBER(4, 2) := 3;
5 --Declaration of breadth and assigning values
6 b NUMBER(4, 2) := 7;
7 --Declaration of a variable for Area of rectangle
8 a NUMBER(4, 2);
9
10 --Declaration of a variable for perimeter
11 p NUMBER(4, 2);
12 BEGIN
13
14 -- calculate area and perimeter
15 a := l * b;
16 p := 2 * (l + b);
17
18 --Display result
19 dbms_output.Put_line('Area of the rectangle is '
20 || a);
21 dbms_output.Put_line('Perimeter of the rectangle is '
22 || p);
23 END;
24 --End program
25
26
```

Result

Area of the rectangle is 21 Perimeter of the rectangle is 20