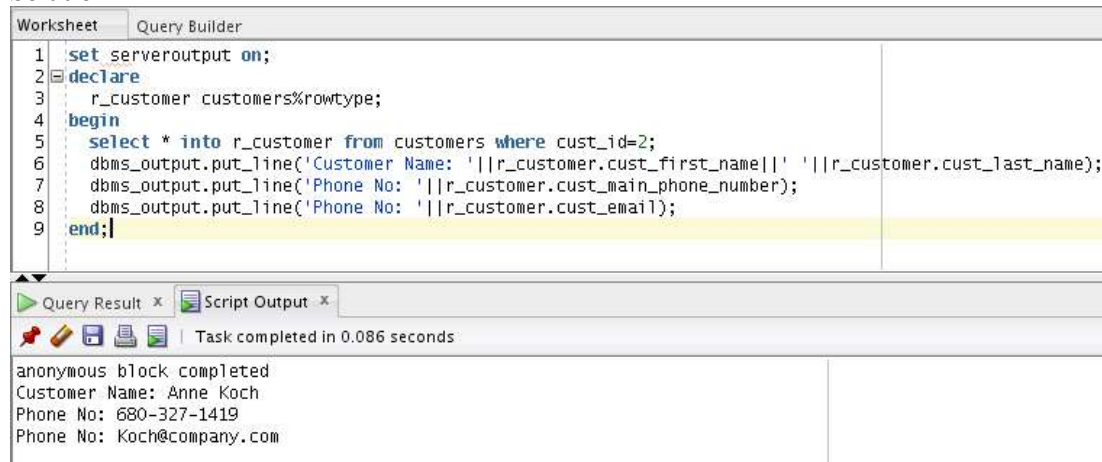


Assignment 10

1. Write a PL/SQL to display the Customer details of customer with id =2.

Solution



The screenshot shows the Oracle SQL Developer interface. The top pane is the 'Worksheet' tab, containing a PL/SQL script. The script sets serveroutput on, declares a record variable, and then selects customer details for cust_id=2. The bottom pane shows the 'Script Output' tab with the results of the script execution.

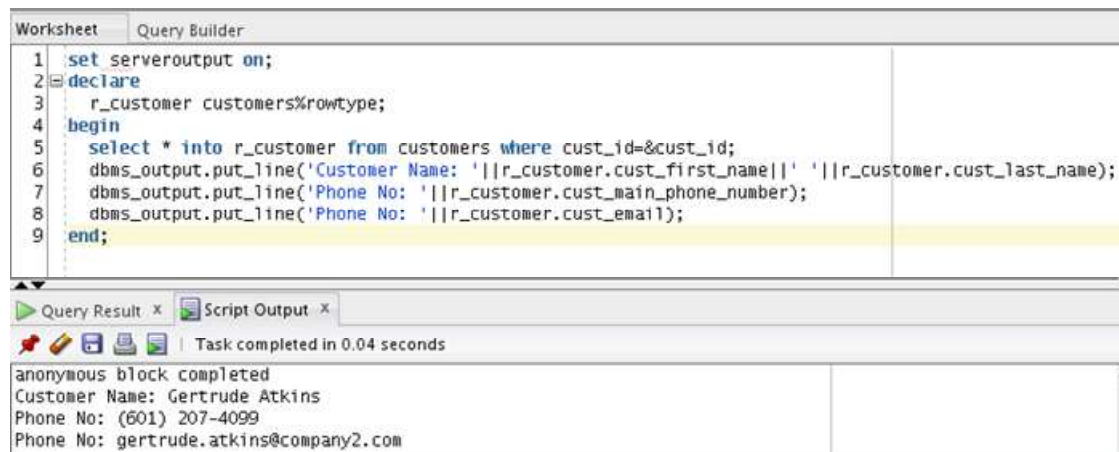
```
1 set serveroutput on;
2 declare
3   r_customer customers%rowtype;
4 begin
5   select * into r_customer from customers where cust_id=2;
6   dbms_output.put_line('Customer Name: '||r_customer.cust_first_name||' '||r_customer.cust_last_name);
7   dbms_output.put_line('Phone No: '||r_customer.cust_main_phone_number);
8   dbms_output.put_line('Phone No: '||r_customer.cust_email);
9 end;
```

Task completed in 0.086 seconds

anonymous block completed
Customer Name: Anne Koch
Phone No: 680-327-1419
Phone No: Koch@company.com

2. Write a PL/SQL to display the Customer details of customer which user wants.

Solution



The screenshot shows the Oracle SQL Developer interface. The top pane is the 'Worksheet' tab, containing a PL/SQL script. The script sets serveroutput on, declares a record variable, and then selects customer details for a user-provided cust_id. The bottom pane shows the 'Script Output' tab with the results of the script execution.

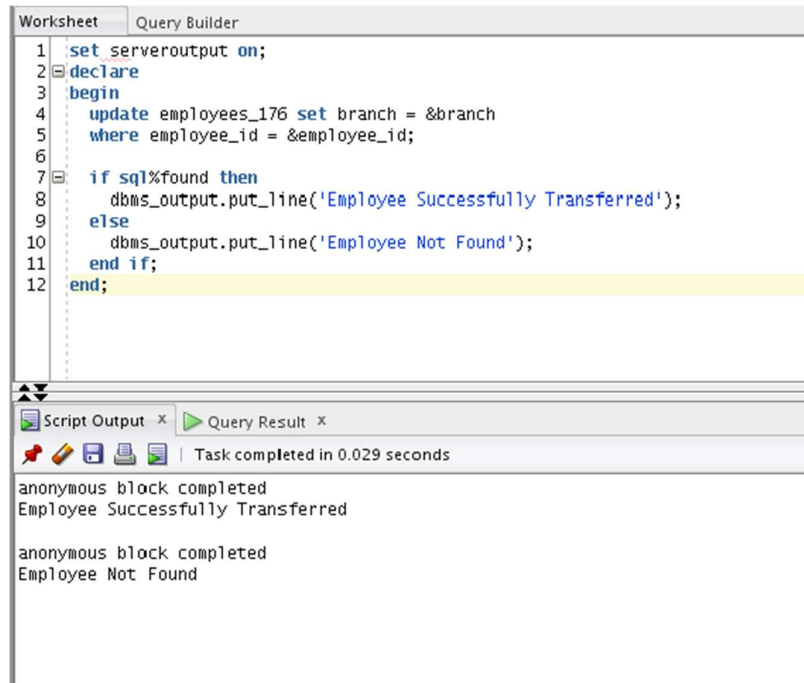
```
1 set serveroutput on;
2 declare
3   r_customer customers%rowtype;
4 begin
5   select * into r_customer from customers where cust_id=&cust_id;
6   dbms_output.put_line('Customer Name: '||r_customer.cust_first_name||' '||r_customer.cust_last_name);
7   dbms_output.put_line('Phone No: '||r_customer.cust_main_phone_number);
8   dbms_output.put_line('Phone No: '||r_customer.cust_email);
9 end;
```

Task completed in 0.04 seconds

anonymous block completed
Customer Name: Gertrude Atkins
Phone No: (601) 207-4099
Phone No: gertrude.atkins@company2.com

3. The bank manager has decided to transfer employees across branches. Write a PL/SQL block to accept an employee number and the branch number followed by updating the branch number of that employee to which he belongs appropriately. Display an appropriate message using SQL%FOUND based on the existence of the record in the EMP_MSTR table. Display an appropriate message using SQL%NOTFOUND based on the non-existence of the record in the EMP_MSTR table.

Solution



```
1 set serveroutput on;
2 declare
3 begin
4     update employees_176 set branch = &branch
5     where employee_id = &employee_id;
6
7     if sql%found then
8         dbms_output.put_line('Employee Successfully Transferred');
9     else
10        dbms_output.put_line('Employee Not Found');
11    end if;
12 end;
```

Script Output x Query Result x

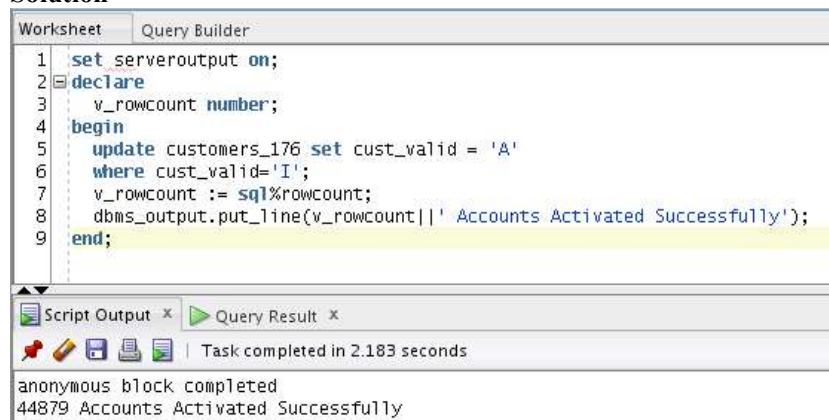
Task completed in 0.029 seconds

anonymous block completed
Employee Successfully Transferred

anonymous block completed
Employee Not Found

4. The bank manager of Junagadh branch decides to activate all those accounts, which were previously marked as inactive for performing no transactions in last 365 days. Write a PL/SQL block to update the status of accounts. Display an appropriate message based on the number of rows affected by the update fired.

Solution



```
1 set serveroutput on;
2 declare
3     v_rowcount number;
4 begin
5     update customers_176 set cust_valid = 'A'
6     where cust_valid='I';
7     v_rowcount := sql%rowcount;
8     dbms_output.put_line(v_rowcount||' Accounts Activated Successfully');
9 end;
```

Script Output x Query Result x

Task completed in 2.183 seconds

anonymous block completed
44879 Accounts Activated Successfully