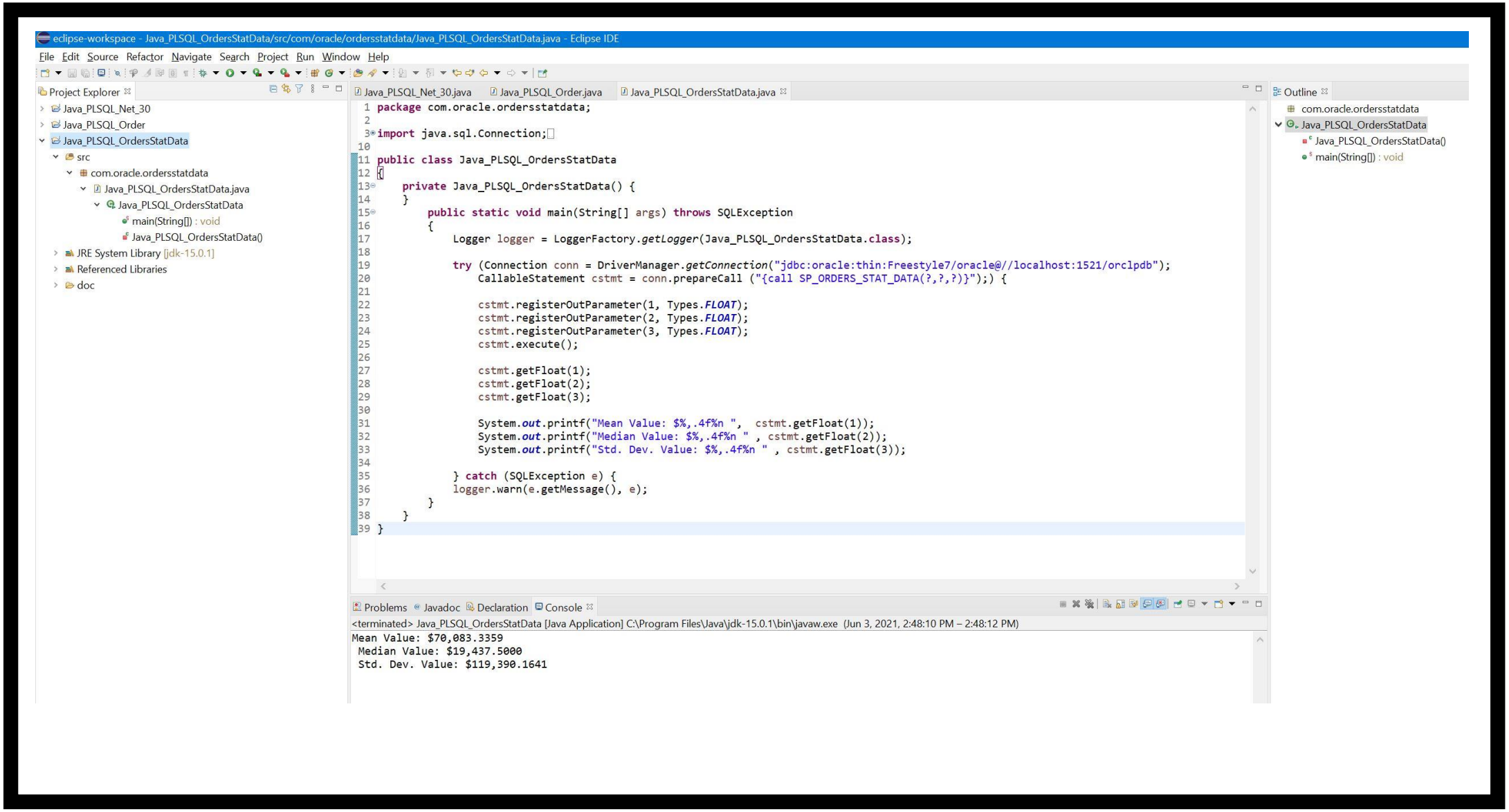
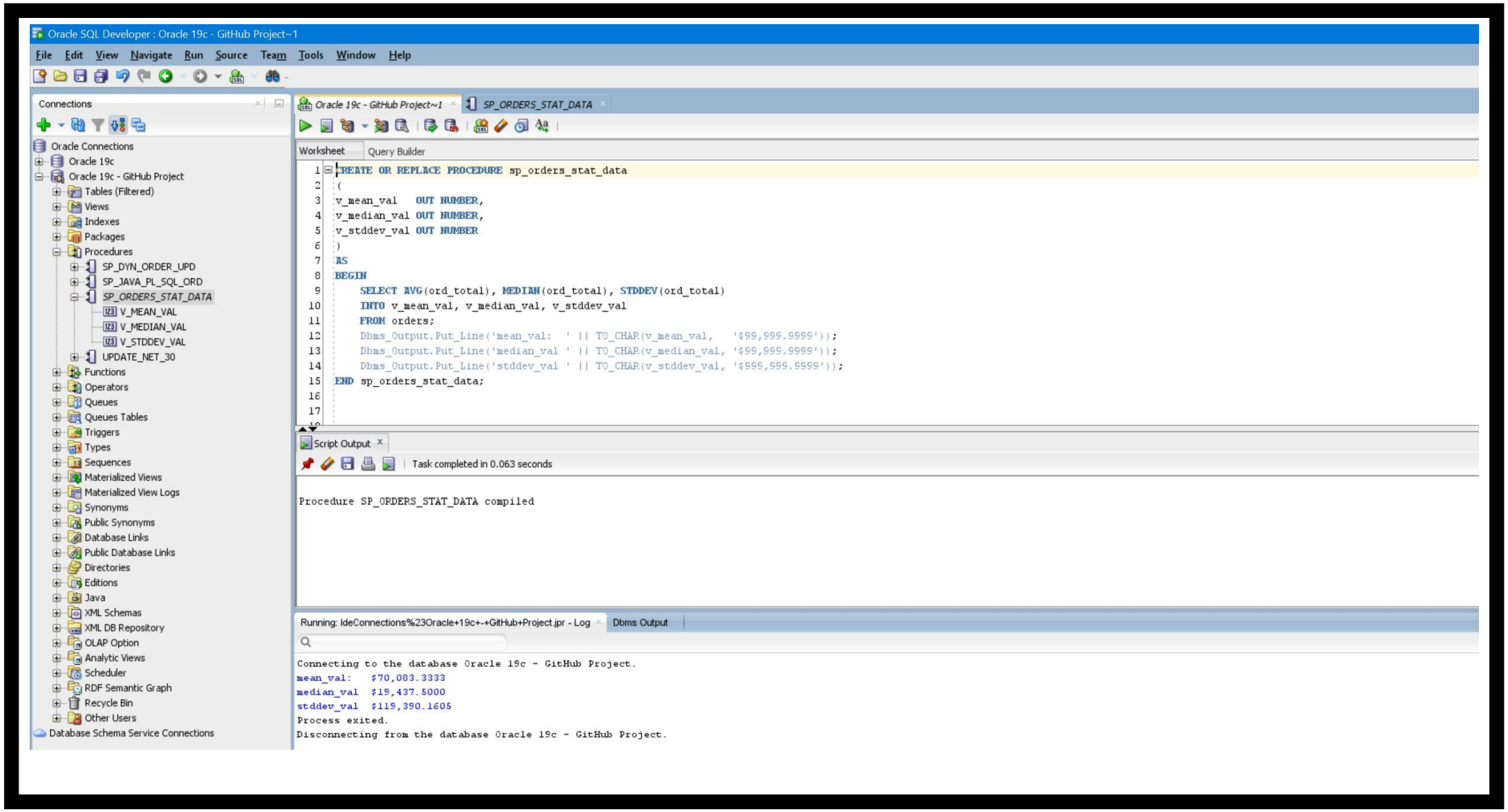

eclipse-workspace - Java_PLSQL_OrdersStatData/src/com/oracle/ordersstatdata/Java_PLSQL_OrdersStatData.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer
Java_PLSQL_Net_30
Java_PLSQL_Order
Java_PLSQL_OrdersStatData
src
com.oracle.ordersstatdata
Java_PLSQL_OrdersStatData.java
Java_PLSQL_OrdersStatData
main(String[]) : void
Java_PLSQL_OrdersStatData()
JRE System Library [jdk-15.0.1]
Referenced Libraries
doc
Java_PLSQL_Net_30.java
Java_PLSQL_Order.java
Java_PLSQL_OrdersStatData.java
1 package com.oracle.ordersstatdata;
2
3 import java.sql.Connection;
10
11 public class Java_PLSQL_OrdersStatData
12 {
13 private Java_PLSQL_OrdersStatData() {
14 }
15 public static void main(String[] args) throws SQLException
16 {
17 Logger logger = LoggerFactory.getLogger(Java_PLSQL_OrdersStatData.class);
18
19 try (Connection conn = DriverManager.getConnection("jdbc:oracle:thin:Freestyle7/oracle@//localhost:1521/orclpdb");
20 CallableStatement cstmt = conn.prepareCall ("{call SP_ORDERS_STAT_DATA(?,?,?)}");) {
21
22 cstmt.registerOutParameter(1, Types.FLOAT);
23 cstmt.registerOutParameter(2, Types.FLOAT);
24 cstmt.registerOutParameter(3, Types.FLOAT);
25 cstmt.execute();
26
27 cstmt.getFloat(1);
28 cstmt.getFloat(2);
29 cstmt.getFloat(3);
30
31 System.out.printf("Mean Value: $%,.4f%n ", cstmt.getFloat(1));
32 System.out.printf("Median Value: $%,.4f%n " , cstmt.getFloat(2));
33 System.out.printf("Std. Dev. Value: $%,.4f%n " , cstmt.getFloat(3));
34
35 } catch (SQLException e) {
36 logger.warn(e.getMessage(), e);
37 }
38 }
39 }
Outline
com.oracle.ordersstatdata
Java_PLSQL_OrdersStatData
Java_PLSQL_OrdersStatData()
main(String[]) : void
Problems Javadoc Declaration Console
<terminated> Java_PLSQL_OrdersStatData [Java Application] C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (Jun 3, 2021, 2:48:10 PM – 2:48:12 PM)
Mean Value: $70,083.3359
Median Value: $19,437.5000
Std. Dev. Value: $119,390.1641


Oracle SQL Developer : Oracle 19c - GitHub Project~1
File Edit View Navigate Run Source Team Tools Window Help
Connections
Oracle Connections
Oracle 19c
Oracle 19c - GitHub Project
Tables (Filtered)
Views
Indexes
Packages
Procedures
SP_DYN_ORDER_UPD
SP_JAVA_PL_SQL_ORD
SP_ORDERS_STAT_DATA
V_MEAN_VAL
V_MEDIAN_VAL
V_STDDEV_VAL
UPDATE_NET_30
Functions
Operators
Queues
Queues Tables
Triggers
Types
Sequences
Materialized Views
Materialized View Logs
Synonyms
Public Synonyms
Database Links
Public Database Links
Directories
Editions
Java
XML Schemas
XML DB Repository
OLAP Option
Analytic Views
Scheduler
RDF Semantic Graph
Recycle Bin
Other Users
Database Schema Service Connections
Oracle 19c - GitHub Project~1
SP_ORDERS_STAT_DATA
Worksheet
Query Builder
1 CREATE OR REPLACE PROCEDURE sp_orders_stat_data
2 (
3 v_mean_val OUT NUMBER,
4 v_median_val OUT NUMBER,
5 v_stddev_val OUT NUMBER
6)
7 AS
8 BEGIN
9 SELECT AVG(ord_total), MEDIAN(ord_total), STDDEV(ord_total)
10 INTO v_mean_val, v_median_val, v_stddev_val
11 FROM orders;
12 Dbms_Output.Put_Line('mean_val: ' || TO_CHAR(v_mean_val, '$99,999.9999'));
13 Dbms_Output.Put_Line('median_val ' || TO_CHAR(v_median_val, '$99,999.9999'));
14 Dbms_Output.Put_Line('stddev_val ' || TO_CHAR(v_stddev_val, '$999,999.9999'));
15 END sp_orders_stat_data;
16
17
Script Output
Task completed in 0.063 seconds
Procedure SP_ORDERS_STAT_DATA compiled
Running: IdeConnections%23Oracle+19c+-+GitHub+Project.jpr - Log
Dbms Output
Connecting to the database Oracle 19c - GitHub Project.
mean_val: $70,083.3333
median_val $19,437.5000
stddev_val $119,390.1605
Process exited.
Disconnecting from the database Oracle 19c - GitHub Project.