

MY SAMPLE RESULTS

1. Stored Procedure to check stock levels

The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows a connection to 'My_Oracle19c'. The 'Database Explorer' pane on the left lists various database objects, including procedures like 'CHECK_STOCK_LEVELS', 'GET_GROSS_REVENUES', and 'GET_TOP_CUSTOMERS'. The main 'Worksheet' area contains the following PL/SQL code:

```
SET SERVEROUTPUT ON;
BEGIN
    check_stock_levels();
END;
```

The 'Script Output' pane at the bottom shows the execution results, indicating that the task was completed in 0.139 seconds. The output lists 15 low stock alerts with their respective product IDs, current stock, and minimum stock levels:

- Low stock alert: CozyChic Knit Sweater (ID: PROD2), (Current Stock: 7), (Minimum Stock: 9)
- Low stock alert: PowerPulse Fitness Tracker (ID: PROD4), (Current Stock: 0), (Minimum Stock: 6)
- Low stock alert: GlowGlam Radiant Face Serum (ID: PROD5), (Current Stock: 2), (Minimum Stock: 8)
- Low stock alert: UrbanEdge Denim Jacket (ID: PROD7), (Current Stock: 7), (Minimum Stock: 10)
- Low stock alert: EcoBloom Sustainable Plant Stand (ID: PROD8), (Current Stock: 2), (Minimum Stock: 10)
- Low stock alert: SportPro Agility Ladder (ID: PROD9), (Current Stock: 3), (Minimum Stock: 5)
- Low stock alert: ChicChill Cashmere Scarf (ID: PROD12), (Current Stock: 1), (Minimum Stock: 7)
- Low stock alert: ModernMingle Geometric Throw Pillow (ID: PROD13), (Current Stock: 8), (Minimum Stock: 10)
- Low stock alert: TrendTide Graphic Tee (ID: PROD20), (Current Stock: 8), (Minimum Stock: 10)
- Low stock alert: ChicCharm Midi Dress (ID: PROD23), (Current Stock: 2), (Minimum Stock: 10)
- Low stock alert: ModernMingle Abstract Canvas Art (ID: PROD38), (Current Stock: 0), (Minimum Stock: 9)
- Low stock alert: EcoEco Stainless Steel Water Bottle (ID: PROD46), (Current Stock: 7), (Minimum Stock: 9)
- Low stock alert: SmartSync Smart Thermostat (ID: PROD47), (Current Stock: 8), (Minimum Stock: 10)
- Low stock alert: TrendTide Utility Jacket (ID: PROD48), (Current Stock: 2), (Minimum Stock: 5)
- Low stock alert: RusticRoots Farmhouse Wall Shelf (ID: PROD49), (Current Stock: 4), (Minimum Stock: 6)

The final message in the output is 'PL/SQL procedure successfully completed.'

2. Store procedure results for customers who purchased highest in terms of value

Oracle SQL Developer: My_Oracle19c

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Connections

My_Oracle19c

- Tables (Filtered)
- Views
- Indexes
- Packages
- Procedures
 - CHECK_STOCK_LEVELS
 - GET_GROSS_REVENUES
 - GET_TOP_CUSTOMERS
- Functions
- Operators
- Queues
- Queues Tables
- Triggers
- Types
- Sequences
- Materialized Views
- Materialized View Logs
- Synonyms
- Public Synonyms
- Database Links
- Public Database Links
- Directories
- Editions

Reports

- All Reports
- Analytic View Reports
- Data Dictionary Reports
- Data Modeler Reports
- OLAP Reports
- TimesTen Reports
- User Defined Reports

Worksheet

Query Builder

```

SET SERVEROUTPUT ON;
BEGIN
    get_top_customers(
        TO_DATE('2024-01-01', 'YYYY-MM-DD'),
        TO_DATE('2024-12-25', 'YYYY-MM-DD')
    );
END;
/

```

Script Output

Task completed in 0.085 seconds

```

Name: Aili, Email: awhitewayr@weebly.com, Order Value: 1018
Name: Greg, Email: gpourvoieur16@amazon.de, Order Value: 988
Name: Upton, Email: umckinnonh@discuz.net, Order Value: 880
Name: Mariel, Email: mrenfieldih@youtube.com, Order Value: 876
Name: Daveta, Email: dpoppleston11@ustream.tv, Order Value: 836
Name: Bettine, Email: bmacartea@discuz.net, Order Value: 813
Name: Syllas, Email: slongg@github.com, Order Value: 712
Name: Sioux, Email: snelmes1@ft.com, Order Value: 630
Name: Floria, Email: flodekeu@woothemes.com, Order Value: 513
Name: Siobhan, Email: sduffieb@soup.io, Order Value: 511
Name: Arther, Email: aepinoy2o@oaic.gov.au, Order Value: 502
Name: Ibbie, Email: ibarling2g@vkontakte.ru, Order Value: 464
Name: Wald, Email: whillborne8@springer.com, Order Value: 378
Name: Pammy, Email: phimsworthn@apple.com, Order Value: 330
Name: Shandee, Email: snecoldsl@mtv.com, Order Value: 255
Name: Estel, Email: eblenkiron27@acquirethisname.com, Order Value: 252
Name: Elfrida, Email: eregg1ark8@freewebs.com, Order Value: 248
Name: Umberto, Email: upoulgreenln@ameblo.jp, Order Value: 240
Name: Alys, Email: abatter2f@adobe.com, Order Value: 195
Name: Kirsti, Email: kpallind@admin.ch, Order Value: 138
Name: Harald, Email: hcheke2l8@google.it, Order Value: 136
Name: Fredra, Email: fpenkethi18@statcounter.com, Order Value: 96
Name: Wendeline, Email: wmayhew4@mail.ru, Order Value: 19

```

PL/SQL procedure successfully completed.

3. Procedure to retrieve product category with highest gross margins

Oracle SQL Developer : My_Oracle19c

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Connections

- My_Oracle19c
 - Tables (Filtered)
 - Views
 - Indexes
 - Packages
 - Procedures
 - CHECK_STOCK_LEVELS
 - GET_GROSS_REVENUES
 - GET_TOP_CUSTOMERS
 - Functions
 - Operators
 - Queues
 - Queues Tables
 - Triggers
 - Types
 - Sequences
 - Materialized Views
 - Materialized View Logs
 - Synonyms
 - Public Synonyms
 - Database Links
 - Public Database Links
 - Directories
 - Editions

Worksheet

```
SET SERVEROUTPUT ON;
BEGIN
  get_gross_revenues(
    TO_DATE('2024-01-01', 'YYYY-MM-DD'),
    TO_DATE('2024-12-25', 'YYYY-MM-DD')
  );
END;
```

Script Output

Task completed in 0.048 seconds

Product: ModernMingle Abstract Canvas Art, Category: home decor, Gross Revenues: 3456
Product: ElectroGlow Tech Headphones, Category: home decor, Gross Revenues: 3375.6
Product: SmartStream Smart TV, Category: clothing, Gross Revenues: 3300
Product: SportSprint Speed Jump Rope, Category: home decor, Gross Revenues: 3236.4
Product: ChicCharm Midi Dress, Category: electronics, Gross Revenues: 3182.4
Product: SmartSync Smart Doorbell, Category: electronics, Gross Revenues: 2812.5
Product: TrendTide Graphic Tee, Category: beauty products, Gross Revenues: 2505.6
Product: PowerPulse Portable Charger, Category: sports equipment, Gross Revenues: 2419.8
Product: FitFlex Yoga Mat, Category: clothing, Gross Revenues: 2397
Product: FitFlex Resistance Bands Set, Category: home decor, Gross Revenues: 2010
Product: UrbanEdge Denim Jacket, Category: clothing, Gross Revenues: 1728
Product: TrendTide Distressed Jeans, Category: electronics, Gross Revenues: 1706.4
Product: EcoEco Reusable Shopping Bag, Category: home decor, Gross Revenues: 1683.6
Product: TechTrend Bluetooth Speaker, Category: electronics, Gross Revenues: 1584
Product: UrbanVibe Industrial Floor Lamp, Category: home decor, Gross Revenues: 1384.5