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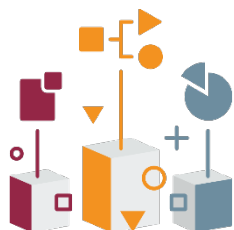
Oracle Database Application Developer Newsletter

Technical news, how-to articles, best practices, and more.

November 2022 News Highlights

- What's New
- From the Desk of the Editor
- Developer Quiz
- Blog Posts of Interest
- Upcoming AskTOM Office Hours
- Oracle APEX News
- Upcoming Events
- Learn more... for FREE

What's New



- [Oracle CloudWorld 2022 highlights for Oracle Database](#)
- [New Oracle Developer Resource Center](#)
- [Autonomous Data Warehouse Improvements for Your Analytics Applications](#)

From the desk of the Editor

Oracle CloudWorld 2022 was a great success. In this month, and the months to follow, you will be seeing some of the great content from that event. There are some awesome updates that every Oracle Database developer needs to know. Even if the updates don't affect you now, they are great to know for future projects. Keeping sending your feedback and thoughts on how to make this newsletter better. Email me at bill.sawyer@oracle.com.

Developer Quiz – Is the table empty?

I execute this statement

```
CREATE TABLE plch_data (n NUMBER)
/
```

Which choices display "Empty table!" after execution?

Choice 1:

```
DECLARE
  l_n NUMBER;
BEGIN
  SELECT n INTO l_n FROM plch_data;
EXCEPTION
  WHEN NO_DATA_FOUND
  THEN
    DBMS_OUTPUT.put_line ('Empty table!');
END;
/
```

Choice 2:

```
BEGIN
  UPDATE plch_data SET n = 1;
EXCEPTION
  WHEN NO_DATA_FOUND
  THEN
    DBMS_OUTPUT.put_line ('Empty table!');
END;
/
```

Choice 3:

```
BEGIN
  DELETE FROM plch_data WHERE n = 1;
EXCEPTION
  WHEN NO_DATA_FOUND
  THEN
    DBMS_OUTPUT.put_line ('Empty table!');
END;
/
```

Answer is below.

Blog Posts of Interest

- [JSON Relation Duality and What You Need to Know](#)
- [Build your own Thanksgiving shopping list app with JavaScript, JSON and Oracle Database](#)
- [Achieving Data Sovereignty with Oracle Sharding \(Part 1\)](#)
- [Making XA Easy for Microservices](#)
- [Oracle Cloud Native Environment updated to help you deploy faster](#)

Upcoming AskTOM Office Hours

- [Database In-Memory \(Dec. 6th, 18:00-19:00 UTC\)](#)
- [JSON in Oracle DB \(Dec. 13th, 18:00-19:00 UTC\)](#)
- [Database Security \(Dec. 14th, 16:00-17:00 UTC\)](#)
- [General Database \(Dec. 15th, 13:00-14:00 UTC\)](#)
- [APEX \(Dec. 15th, 15:00-16:00 UTC\)](#)



Check the [AskTOM Office Hours page](#) for more AskTOM office hours in November and beyond!

Oracle APEX News

APEX App Creator Spotlight: APEX gives everyone the ability to be a creator and turn ideas into compelling apps. Here are some and the stories behind them.

- [Christina Moore](#), founder of Storm Petrel, LLC emergency management consulting services, used Oracle APEX to agencies and organizations track the requirements for recovery following natural disasters.



be a
creators

help
financial

[Submit your story](#) and let us showcase your application!

Blogs and Videos

- [Oracle APEX chosen as #1 low-code application development platform!](#)
- [Try Oracle APEX 22.2 on apex.oracle.com!](#)
- [Building a Mini SQL Workshop #JoelKallmanDay](#)
- [Oracle APEX 22.2: Meta Tags](#)
- [Announcing the Oracle APEX Application Development Lifecycle Technical Paper](#)
- [Help Oracle APEX by Writing a Review for Gartner!](#)

The November developer quiz answers is:

Choice 1.

Upcoming events | event recaps

[Oracle APEX: Foundations Learning Path is now available!](#)

Announcing the release of the Oracle APEX Foundations Learning Path University. This self-paced course can be taken at your convenience and FREE!

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Build Muscles at the [Oracle Dev Gym](#) by taking workouts, quizzes and even entire classes on SQL, PL/SQL, database design, logic and more.



Useful links to keep your skills sharp

Blogs: [Oracle Developers](#) | [Oracle Database Insider](#) | [Oracle APEX](#)

Websites: [Oracle Database](#) | [Oracle Autonomous Database](#) | [Oracle Developer Center](#) | [Oracle APEX](#)

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