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C2090-545

DB2 9.7 SQL Procedure Developer

DEMO

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QUESTION NO: 1

A developer needs to create a user-defined function that will return a list of employees who work in a particular department. Which statement will successfully create a function that meets this objective?

A. CREATE FUNCTIONdept_employees (deptno CHAR(3))
RETURNS TABLE
LANGUAGE SQL
READS SQL DATA
RETURN

SELECT empno, lastname AS l_name, firstnme AS f_name
FROM employee
WHERE employee.workdept = dept_employees.deptno

B. CREATE FUNCTIONdept_employees (deptno CHAR(3))
RETURNS TABLE
DYNAMIC RESULT SETS 1

LANGUAGE SQL
READS SQL DATA
DECLARE emp_info CURSOR WITH RETURN FOR
SELECT empno, lastname AS l_name, firstnme AS f_name
FROM employee
WHERE employee.workdept = dept_employees.deptno
OPEN emp_info;
RETURN

C. CREATE FUNCTIONdept_employees (deptno CHAR(3))
RETURNS TABLE (empno CHAR(6),

l_nameVARCHAR(15),
f_nameVARCHAR(12))

LANGUAGE SQL
READS SQL DATA
RETURN

SELECT empno, lastname AS l_name, firstnme AS f_name
FROM employee
WHERE employee.workdept = dept_employees.deptno

D. CREATE FUNCTIONdept_employees (deptno CHAR(3))
RETURNS TABLE (empno CHAR(6),

l_nameVARCHAR(15),
f_nameVARCHAR(12))

DYNAMIC RESULT SETS 1
LANGUAGE SQL

READS SQL DATA
DECLARE emp_info CURSOR WITH RETURN FOR

```
SELECT empno, lastname AS l_name, firstnme AS f_name
FROM employee
WHERE employee.workdept = dept_employees.deptno
OPEN emp_info;
RETURN
```

Answer: C

QUESTION NO: 2

In the function shown below:

```
CREATE FUNCTION fcn1(deptno CHAR(3))
  RETURNS TABLE(empno CHAR(6),
                firstnme VARCHAR(12))
  READS SQL DATA
  RETURN
  SELECT empno, firstnme
  FROM employee
  WHERE employee.workdept = fcn1.deptno;
```

Which statement can be used to invoke the function above?

- A. SELECT * FROMTABLE(fcn1('B01'))
- B. SELECTTABLE(fcn1('B01')) FROM SYSIBM.SYSDUMMY1
- C. SELECT * FROMfcn1('B01')
- D. SELECTfcn1('B01') FROM SYSIBM.SYSDUMMY1

Answer: A

QUESTION NO: 3

Which statement correctly describes characteristics of external functions?

- A. External functions cannot return tables.
- B. All cursors opened within an external function should stay open until the database isquiesced.
- C. Scratchpads can be used to allocate dynamic memory required for multiple function invocations.
- D. Transactions can be terminated within external functions.

Answer: C

QUESTION NO: 4

Click the Exhibit button.