



C6030-042^{Q&As}

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QUESTION 1

Which of the following is NOT a characteristic of the RANDOM builtin function?

- A. RANDOM can be called without any parameters.
- B. The values generated by RANDOM are uniformly distributed between 0 and 1, where 0
- C. RANDOM can be called with an optional SEED to avoid getting repeatable results.
- D. RANDOM can be called with an optional upper bound.

Correct Answer: D

QUESTION 2

Requirement:

The function LEAPYEAR evaluates a given 4-digit number and returns `1` if it is a leap year, `0` if it is not. This function is supposed to work for the years 2004 to 2015. Leap years occur every four years, except for years ending in 00 that are not divisible by 400. Which of the following solutions meets the requirement and does NOT need to be changed if the requirement changes to: The function is supposed to work for the years 1900 to 3000.

- A. LEAPYEAR: PROC(YEAR) RETURNS(BIT(1)); DCL YEAR PIC `9999`; DCL (MOD, VERIFY) BUILTIN; SELECT; WHEN (VERIFY(YEAR, \0123456789\') ^= 0) RETURN(\0\B); WHEN (MOD (YEAR, 100) = 0) RETURN(\0\B); WHEN (MOD(YEAR, 4) = 0) RETURN(\1\B); OTHER RETURN(\0\B); END; END LEAPYEAR;
- B. LEAPYEAR: PROC(YEAR) RETURNS(BIT(1)); DCL YEAR PIC `9999`; DCL VERIFY BUILTIN; IF VERIFY(YEAR, 0123456789) ^= 0 THEN RETURN(\0\B); SELECT(YEAR); WHEN (2004) RETURN(\1\B); WHEN (2008) RETURN(\1\B); WHEN (2012) RETURN(\1\B); OTHER RETURN (\0\B); END; END LEAPYEAR;
- C. LEAPYEAR: PROC(YEAR) RETURNS(BIT(1)); DCL YEAR PIC `9999`; DCL (MOD, VERIFY) BUILTIN; SELECT; WHEN (VERIFY(YEAR `0123456789\') ^= 0) RETURN(\0\B); WHEN (MOD (YEAR, 400) = 0) RETURN(\1\B); WHEN (MOD(YEAR, 100) = 0) RETURN(\0\B); WHEN (MOD(YEAR, 4) = 0) RETURN(\1\B); OTHER RETURN(\0\B); END; END LEAPYEAR;
- D. LEAPYEAR: PROC(YEAR) RETURNS(BIT(1)); DCL YEAR PIC `9999`; DCL (MOD, VERIFY) BUILTIN; SELECT; WHEN (VERIFY(YEAR `0123456769\') ^= 0) RETURN(\0\B); WHEN (MOD (YEAR, 100) = 0) RETURN(\0\B); WHEN (MOD(YEAR, 400) = 0) RETURN(\1\B); WHEN (MOD(YEAR, 4) = 0) RETURN(\1\B); OTHER RETURN(\0\B); END; END LEAPYEAR;

Correct Answer: C

QUESTION 3



What characterizes the hierarchical data model with respect to data access?

- A. Data access supports parent-child relationships.
- B. Data access supports tables.
- C. Data access can only be sequential.
- D. Data access can only be via an index.

Correct Answer: A

QUESTION 4

A PL/I program performance analyzer can best help identify which of the following?

- A. Adequate code coverage
- B. Changes needed to database tables
- C. CPU hotspots and elapsed time percentages by procedure
- D. Incorrect program logic

Correct Answer: C

QUESTION 5

Which of the following is a best practice to make debugging easier?

- A. Have the calling program test the return code after the call.
- B. Use a variable updated with the program name.
- C. CALL PLIDUMP('\\TFCHAB\\','Spot Dump\\'); at key points in the program logic.
- D. Use the runtime option STORAGE(00,,00,0K)

Correct Answer: C

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