Programming and Problem Solving with C 7th edition Dale Test Bank

SKU: 9781284157321-TEST-BANK

Import Settings:
Base Settings: Brownstone Default
Information Field: Complexity
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Highest Answer Letter: D
Multiple Keywords in Same Paragraph: No
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Chapter: Chapter 02 - Testbank

Multiple Choice

1. Which of the following statements about the C++ main function is false?
A) Every program must have a function named main.
B) Program execution begins with the first executable statement in the main function.
C) The main function must call (invoke) at least one other function.
D) The word int in the function heading means that the main function returns an integer value (to the operating system).
Ans: C
Complexity: Easy
Ahead: 2.1 The Elements of C++ Programs
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Title: C++ Syntax and Semantics, and the Program Development Process

2. The formal definition of a digit shown here is an example of the use of what metalanguage?
<digit> ::= 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9
A) Syntax template
B) Syntax diagram
C) Symbol structure form
D) Backus-Naur Form (BNF)
Ans: D
Complexity: Easy
Ahead: 2.1 The Elements of C++ Programs
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3. Which one of the following is *not* a valid "Yoyo"?
A) 123ABC
B) 321BB1
C) 1A
D) 33
E) C
Ans: D
Complexity: Moderate

Ahead: 2.1 The Elements of C++ Programs
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4. Which one of the following is *not* a valid identifier in C++?
A) Hi_There
B) top40
C) UpAnDdOwN
D) 3BlindMice
E) CAPS
Ans: D
Complexity: Moderate
Ahead: 2.1 The Elements of C++ Programs
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5. Which one of the following is *not* a valid identifier in C++?
A) myName
B) little
C) X123Y
D) Go Home
E) IdEnTiFiEr
Ans: D
Complexity: Moderate
Ahead: 2.1 The Elements of C++ Programs
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6. Which of the following is a legal string assignment?
A) "name" = Jones;
B) name = "Jones";
C) name = 'D' + "Jones";
D) name = "Jones"; and name = 'D' + "Jones";
Ans: B
Complexity: Easy
Ahead: 2.1 The Elements of C++ Programs
Subject: Chapter 2
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7. Which of the following can be assigned to a char variable?
A) 't'
B) '2'
C) '$'
D) All of the these are correct.
Ans: D
Complexity: Easy
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8. Which assignment statement could be used to store the letter A into the char variable someChar?
A) someChar = "A";
B) someChar = A;
C) someChar = 'A';
D) someChar = "A"; and someChar = A;
E) someChar = "A"; and someChar = A; and someChar = 'A';
Ans: C
Complexity: Easy
Ahead: 2.1 The Elements of C++ Programs
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9. In C++, the phrase "standard output device" usually refers to:
A) the keyboard.
B) a floppy disk drive.
C) the display screen.
D) a CD-ROM drive.
E) None of these is correct.
Ans: C
Complexity: Easy
Ahead: 2.1 The Elements of C++ Programs
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10. Which of the following statements prints HappyBirthday on one output line?
A) cout << "Happy" << endl;
cout << "Birthday" << endl;
B) cout << "Happy";
cout << "Birthday" << endl;
C) cout << "HappyBirthday" << endl;
D) cout << "Happy";
cout << "Birthday" << endl; and
 cout << "HappyBirthday" << endl;
Ans: D
Complexity: Easy
Ahead: 2.1 The Elements of C++ Programs
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11. Where can C++ comments appear in a computer program?
A) In the middle of an identifier
B) In a reserved word
C) In a literal constant
D) In constant and variable declarations
Ans: D
Complexity: Easy

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Ahead: 2.1 The Elements of C++ Programs
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12. All of the following are useful software maintenance tips when modifying complex code *except*:
A) break a long block of code into smaller chunks that have distinct purposes.
B) identify portions of the code that you are sure you can ignore.
C) focus on the code sections that are clearly related to the maintenance task.
D) never document your updated code changes to avoid confusion.
E) examine how your code changes affect other parts of the application.
Ans: D
Complexity: Easy
Ahead: 2.2 Program Construction
Subject: Chapter 2
Title: CSyntax and Semantics, and the Program Development Process

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