Homework Chapter 2

Question: An identifier can be any sequence of digits and letters
Answer: True

Points: 1

Question: In C++ there is a difference between a reserved word and a predefined identifier
Answer: True

Points: 1

Question: A C++ identifier can start with a digit
Answer: False

Points: 1

Question: The identifiers firstName and FirstName are the same
Answer: False

Points: 1

Which of the following are valid C++ identifiers?

<table>
<thead>
<tr>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>firstCPPproject</td>
</tr>
<tr>
<td>POP_QUIZ</td>
</tr>
<tr>
<td>C++Program2</td>
</tr>
<tr>
<td>quiz7</td>
</tr>
<tr>
<td>VeryLongIdentifier</td>
</tr>
<tr>
<td>Incorrect</td>
</tr>
<tr>
<td>Mike'sFirstAttempt</td>
</tr>
</tbody>
</table>

Points: 1

Match the expression with the correct value

<table>
<thead>
<tr>
<th>Match Question Items</th>
<th>Answer Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. - 36/5</td>
<td>A. 7</td>
</tr>
<tr>
<td>E. - 18 + 5 *3/4</td>
<td>B. 3</td>
</tr>
<tr>
<td>D. - 22.0/5</td>
<td>C. 21.75</td>
</tr>
<tr>
<td>B. - 18 - 32/6 * 3</td>
<td>D. 4.4</td>
</tr>
<tr>
<td>E. None of the above</td>
<td></td>
</tr>
</tbody>
</table>

Points: 1

"If x = 5, y = 6, z = 4, and w = 3.5 then (x + z) % y evaluates to _____. If the operation is not possible write NP"

Answer: 3
Question: "If x = 5, y = 6, z = 4, and w = 3.5 then (y + w) % x evaluates to _____. If the operation is not possible write NP"
Answer: NP

Question: "If x = 5, y = 6, z = 4, and w = 3.5 then (( x * y) * w) = z evaluates to _____. If the operation is not possible write NP"
Answer: NP

Question: Write a C++ statement that declares and initializes an int variable called temp to 10 and a char variable ch to 'A'
Answer: int temp = 10; char ch = 'A';

Question: Write a C++ statement that declares int variables x and y.
Answer: int x, y;

Question: Write a C++ statement that declares a char variable called grade and sets the value of grade to 'B'
Answer: char grade = 'B';

Question: Write a C++ statement that declares four variables, x, y, z, and stuff, that can store double values
Answer: double x, y, z, stuff;

"Given that x, y, and z are int variables, and x = 2, y = 5, and z = 6, what is the output from the following statement?"
```
cout << "x = " << x << " , y = " << y << " , z = " << z << endl;
```
Answer: x = 2, y = 5, z = 6

"Given the same values as above, what is the output from the statement:"
```
cout << "Sum of " << x << " and " << y << " is " << x + y << endl;
```
Answer: Sum of 2 and 5 is 7

"Given the same values as above, what is the output from the statement:"
```
cout << "2 times " << x << " = " << 2 * x << endl;
```
Answer: 2 times 2 = 4