**QUESTION 1**

A(n)\_\_\_\_\_ is a set of instructions that a computer follows to perform a task.

|  |  |  |
| --- | --- | --- |
|  | a. | Compiler |
|  | b. | Program |
|  | c. | Interpreter |
|  | d. | Programming language |

**QUESTION 2**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |
|  |  |  |

**QUESTION 3**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 4**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 5**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 6**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 7**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 8**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 9**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 10**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 11**

A(n)\_\_\_\_\_ is a set of instructions that a computer follows to perform a task.

|  |  |  |
| --- | --- | --- |
|  | a. | Compiler |
|  | b. | Program |
|  | c. | Interpreter |
|  | d. | Programming language |

**QUESTION 12**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |
|  |  |  |
|  |  |  |

**QUESTION 13**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 14**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 15**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 16**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |
|  |  |  |

**QUESTION 17**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 18**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 19**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 20**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 21**

A(n)\_\_\_\_\_ is a set of instructions that a computer follows to perform a task.

|  |  |  |
| --- | --- | --- |
|  | a. | Compiler |
|  | b. | Program |
|  | c. | Interpreter |
|  | d. | Programming language |

**QUESTION 22**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |
|  |  |  |

**QUESTION 23**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 24**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 25**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 26**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 27**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 28**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 29**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 30**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 31**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 32**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |
|  |  |  |

**QUESTION 33**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 34**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 35**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**QUESTION 36**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | loop |
|  | b. | do |
|  | c. | break |
|  | d. | continue |

**True or False**

**QUESTION 1**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 2**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 3**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 4**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 5**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 6**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 7**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |
|  |  |  |

**QUESTION 8**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 9**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 10**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**QUESTION 11**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |
|  |  |  |

**QUESTION 12**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement is typically used for two purposes:  
  
• To exit early from a loop.  
• To skip the remainder of a switch structure

|  |  |  |
| --- | --- | --- |
|  | a. | True |
|  | b. | False |
|  |  |  |
|  |  |  |

**Short Answer**

**QUESTION 1**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 2**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 3**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 4**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 5**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 6**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 7**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 8**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 9**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 10**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 11**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 12**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 13**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 14**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 15**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 16**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**Programming Problems**

**QUESTION 1**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 2**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 3**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;



**QUESTION 4**

 What is the output?

       int total = 0;

       for (int c = 1; c < 5; c++)

       {

             for (int d = 1; d <= c; d++)

                    total = total + d;

       }

       cout << total;

