# Comprehensive C Programming MCQ Question Paper

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## **Introduction to C Programming**

- 1. Who developed the C programming language?
- a) Bill Gates
- b) Dennis Ritchie
- c) Steve Jobs
- d) Linus Torvalds
- 2. In which year was the C programming language developed?
- a) 1969-1973
- b) 1975-1980

- c) 1980-1985
- d) 1985-1990

## 3. What is the primary purpose of the main() function in a C program?

- a) To declare variables
- b) To define constants
- c) To serve as the entry point of the program
- d) To include header files

# 4. Which of the following is NOT a key feature of C programming language?

- a) Fast performance
- b) Direct memory access
- c) Automatic garbage collection
- d) Works everywhere

## 5. What does IDE stand for in the context of programming?

- a) Integrated Development Environment
- b) Intelligent Development Engine
- c) Interactive Design Environment
- d) Integrated Debugging Environment

# 6. Which of the following is recommended as a beginner-friendly IDE for C programming?

- a) Visual Studio Code
- b) C-Free
- c) Eclipse
- d) NetBeans

#### 7. What is the file extension for a C source code file?

- a) .cpp
- b) .cs

- c) .c d) .class
  - 8. What does the return 0; statement in the main() function indicate?
  - a) The program has an error
  - b) Successful program termination
  - c) The program needs to restart
  - d) Memory allocation failure

## **Variables and Data Types**

- 9. What is a variable in C programming?
- a) A constant value
- b) A storage location with a name that holds data
- c) A function name
- d) A loop counter
- 10. Which data type is used to store a single character in C?
- a) int
- b) float
- c) char
- d) double
- 11. What is the format specifier for int data type in printf() function?
- a) %f
- b) %c
- c) %d

a) 1 b) 2 c) 4 d) 8	
13. Which data type is used to store decimal numbers in C?	
<ul><li>a) int</li><li>b) char</li><li>c) float</li><li>d) string</li></ul>	
14. What is the format specifier for float data type in printf() function?	
a) %d b) %f c) %c d) %s	
15. What does the format specifier %.2f do?	
<ul><li>a) Displays 2 decimal places</li><li>b) Displays 2 digits before decimal point</li><li>c) Multiplies the number by 2</li><li>d) Rounds the number to nearest 2</li></ul>	

12. What is the size of an int data type in bytes (typically)?

d) %s

16.	Which of the following is the correct way	y to	o declare	and	initialize	a
cha	racter variable with the value 'A'?					

```
a) char ch = "A";
b) char ch = 'A';
c) char ch = A;
d) char ch = 'A';
```

## 17. What is the range of char data type?

```
a) 0 to 255
b) -128 to 127
c) -32768 to 32767
d) 0 to 65535
```

# 18. Which data type would you use to store the value 3.14159265359 with maximum precision?

```
a) floatb) intc) doubled) char
```

## 19. What is the size of double data type in bytes (typically)?

```
a) 4
b) 8
c) 16
d) 2
```

## 20. What does the format specifier %If represent in printf()?

a) %d b) %f
c) %1f
d) %df
Operators
21. Which operator is used for addition in C?
a) +
b) - c) *
d) /
22. Which operator is used for multiplication in C?
a) x
b) *
c) × d) ·
23. Which operator is used for division in C?
23. Which operator is used for division in C:
a) ÷
b) /
c): d)%
24. What does the % operator do in C?
24. What does the % operator do in C:

a) 2 b) 1 c) 2.33 d) 3
26. What is the result of 10 / 3 in C when both operands are integers?
a) 3.33 b) 3 c) 4 d) 1
27. Which operator is used for comparison "equal to" in C?
a) = b) == c) != d) ===
28. Which operator is used for "not equal to" in C?
a) <> b) !=

a) Percentage calculationb) Modulus (remainder)

25 What is the result of 7 % 3?

c) Multiplication

d) Division

29. What is the result of 5 > 3 in C?
a) 1 b) 0 c) True d) False
30. In C, what does 0 represent in boolean context?
<ul><li>a) True</li><li>b) False</li><li>c) Undefined</li><li>d) Error</li></ul>
31. What is the result of (5 > 3) && (2 < 4)?
a) 1 b) 0 c) True d) False
32. What is the result of (5 > 10)    (2 < 4)?
a) 1 b) 0 c) True d) False

c) =! d) !==

## **Input/Output Operations**

33. Which function is used to display output to the screen in C?

a) scanf()		
<pre>b) printf()</pre>		
<pre>c) display()</pre>		
<pre>d) output()</pre>		

34. Which function is used to read input from the keyboard in C?

```
a) printf()
b) scanf()
c) input()
d) read()
```

35. What is the purpose of the & operator in scanf()?

```
a) To multiply numbersb) To get the address of a variablec) To compare valuesd) To concatenate strings
```

36. Which format specifier is used to read an integer using scanf()?

```
a) %f
b) %d
c) %c
d) %s
```

37. Which format specifier is used to read a string using scanf()?

- a) %f
  b) %d
  c) %c
  d) %s
  - 38. What does the \n escape sequence do?

```
a) Creates a tab spaceb) Creates a new linec) Deletes a characterd) Moves cursor back
```

## 39. How do you read a character using scanf()?

```
a) scanf("%c", &ch);
b) scanf("%c", ch);
c) scanf("&c", ch);
d) scanf("%char", &ch);
```

## 40. What is the correct way to read two integers in one scanf() call?

```
    a) scanf("%d%d", &a, &b);
    b) scanf("%d %d", &a, &b);
    c) scanf("%d,%d", &a, &b);
    d) All of the above
```

## **Control Structures - Decision Making**

41. Which keyword is used for conditional execution in C?

```
a) loop
b) if
c) while
d) for

42. What is the correct syntax for a simple if statement?

a) if condition { }
b) if (condition) { }
c) if {condition} ( )
```

# 43. Which statement provides an alternative block of code when an if condition is false?

```
a) if-elseb) else-ifc) switchd) continue
```

## 44. What is the correct syntax for if-else statement?

d) if [condition] { }

```
a) if (condition) { } else { }
b) if condition { } else { }
c) if {condition} else { }
d) if (condition) else { }
```

## 45. Which construct is used to check multiple conditions in sequence?

```
a) Multiple if statementsb) if-else if-else ladder
```

- c) Nested ifd) All of the above46. What is the purpose of the switch statement?
  - a) To loop through values
  - b) To compare a variable against multiple values
  - c) To declare variables
  - d) To define functions

## 47. Which keyword is used to exit a switch case?

- a) exit
- b) stop
- c) break
- d) continue

## 48. What happens if you forget to use break in a switch case?

- a) Program crashes
- b) Fall-through to next case
- c) Case is skipped
- d) Nothing happens

## 49. Which of the following is NOT a valid data type for switch statement?

- a) int
- b) char
- c) float
- d) enum

## 50. What is the purpose of the default case in switch statement?

- a) To handle all unmatched cases
- b) To start the switch
- c) To end the switch
- d) To repeat the switch

## **Control Structures - Loops**

51. Which of the following is NOT a loop structure in C?

- a) for
- b) while
- c) do-while
- d) repeat

## 52. What is the correct syntax for a for loop?

```
a) for (init; condition; update) { }
b) for (init, condition, update) { }
c) for {init; condition; update}
d) for [init; condition; update]
```

## 53. In a for loop, which part is executed only once?

- a) Condition
- b) Initialization
- c) Update

d) Body

## 54. In a for loop, which part is checked before each iteration?

- a) Initializationb) Conditionc) Updated) Body
- 55. What is the correct syntax for a while loop?

```
a) while (condition) { }
b) while condition { }
c) while {condition}
d) while [condition]
```

## 56. Which loop guarantees at least one execution?

```
a) forb) whilec) do-whiled) All loops
```

#### 57. What is the correct syntax for a do-while loop?

```
a) do { } while (condition);
b) do (condition) { }
c) do { } while condition;
d) do [condition] { }
```

# 58. What happens if the condition in a while loop is false from the beginning?

- a) Loop executes once
- b) Loop executes twice
- c) Loop doesn't execute at all
- d) Program crashes

## 59. What is an infinite loop?

- a) A loop that executes 1000 times
- b) A loop that executes until manually stopped
- c) A loop that executes exactly 10 times
- d) A loop that executes zero times

## 60. What is the purpose of the break statement in loops?

- a) To skip current iteration
- b) To exit the loop immediately
- c) To restart the loop
- d) To pause the loop

## **Functions**

## 61. What is a function in C programming?

- a) A variable
- b) A self-contained block of code that performs a specific task
- c) A loop
- d) A data type

## 62. What is the purpose of the return statement in a function?

- a) To restart the function
- b) To send a value back to the calling code
- c) To delete the function
- d) To pause the function

#### 63. What does void mean in function declaration?

- a) The function returns an integer
- b) The function returns nothing
- c) The function is empty
- d) The function has an error

# 64. What is the correct syntax for a function that takes two integers and returns an integer?

- a) int func(int a, int b)
- b) func int(int a, int b)
- c) int func(a int, b int)
- d) func(int a, int b) int

#### 65. What is a function call?

- a) Declaring a function
- b) Executing/invoking a function
- c) Defining a function
- d) Deleting a function

## 66. What are parameters in a function?

- a) Variables declared inside the function
- b) Input values passed to a function
- c) Return values from a function
- d) Global variables

# 67. What is the difference between actual parameters and formal parameters?

- a) Actual parameters are in function call, formal in function definition
- b) Formal parameters are in function call, actual in function definition
- c) No difference
- d) Actual parameters are local, formal are global

## 68. What is function prototyping?

- a) Writing function code
- b) Declaring function before main()
- c) Calling a function
- d) Defining function parameters

## 69. What is the purpose of function prototyping?

- a) To make code look neat
- b) To allow calling function before defining it
- c) To reduce memory usage
- d) To increase execution speed

#### 70. What is recursion in functions?

- a) Calling another function
- b) Calling the same function within itself
- c) Returning multiple values
- d) Passing arrays to functions

## **Arrays**

#### 71. What is an array in C?

- a) A single variable
- b) A collection of elements of same data type
- c) A function
- d) A loop

## 72. How do you declare an array of 10 integers?

```
a) int arr[10];b) int arr(10);c) int arr{10};d) int arr[10];
```

## 73. What is the index of the first element in an array?

```
a) 1
b) 0
c) -1
d) Depends on array size
```

## 74. How do you access the 5th element of an array arr?

```
a) arr[5]b) arr(5)c) arr[4]d) arr{5}
```

# 75. What happens if you try to access arr[10] for an array declared as int arr[10]?

```
a) Returns last element
```

- b) Returns first element
- c) Causes undefined behavior
- d) Program terminates

## 76. How do you initialize an array at the time of declaration?

```
a) int arr[5] = {1,2,3,4,5};
b) int arr[5] = (1,2,3,4,5);
c) int arr[5] = {1 2 3 4 5};
d) int arr[5] = [1,2,3,4,5];
```

## 77. What is a 2D array?

- a) An array with only one element
- b) An array of arrays (rows and columns)
- c) An array with decimal indices
- d) An array that can store strings

## 78. How do you declare a 3x3 matrix?

```
a) int matrix[3][3];b) int matrix(3,3);
```

```
c) int matrix{3}{3};
d) int matrix[3,3];
```

## 79. How do you access element in 2nd row, 3rd column of matrix?

```
a) matrix[2][3]b) matrix(2,3)c) matrix[1][2]d) matrix{2}{3}
```

## 80. What is the size of int arr[10] in bytes (assuming int is 4 bytes)?

- a) 10
- b) 40
- c) 4
- d) 14

## **Strings**

## 81. How are strings represented in C?

- a) Using string data type
- b) Using character array with null terminator
- c) Using special string functions only
- d) Using double data type

## 82. What is the null terminator in C strings?

a) \0

- b) NULL c) 0 d) \\0
  - 83. How do you declare a string to store "Hello"?

```
a) char str[6] = "Hello";
b) char str[5] = "Hello";
c) char str[] = "Hello";
d) Both a and c
```

## 84. Which header file is needed for string functions like strlen()?

- a) stdio.h
- b) stdlib.h
- c) string.h
- d) math.h

#### 85. What does strlen() function do?

- a) Copies a string
- b) Concatenates strings
- c) Returns length of string
- d) Compares strings

## 86. What does strcpy() function do?

- a) Compares strings
- b) Copies one string to another
- c) Copies one string to another

d) Returns string length	
87. What does strcat() function do?	
<ul><li>a) Compares strings</li><li>b) Copies strings</li><li>c) Concatenates (joins) two strings</li><li>d) Finds string length</li></ul>	
88. What does strcmp() function do?	

- a) Copies strings
- b) Concatenates strings
- c) Compares two strings
- d) Finds string length

## 89. What is the result of strcmp("abc", "abc")?

- a) 1
- b) 0
- c) -1
- d) Undefined

## 90. What is the result of strcmp("abc", "xyz")?

- a) Positive value
- b) 0
- c) Negative value
- d) Undefined

## **Miscellaneous Concepts**

## 91. What is an algorithm?

- a) A programming language
- b) A step-by-step procedure to solve a problem
- c) A type of variable
- d) A loop structure

#### 92. What is a flowchart?

- a) A type of function
- b) A visual representation of an algorithm
- c) A data type
- d) A programming construct

## 93. Which escape sequence creates a new line?

- a) \t
- b) \n
- c) \r
- d) \b

## 94. Which escape sequence creates a tab space?

- a) \t
- b) \n
- c) \r
- d) \b

## 95. What is the purpose of #include <stdio.h>?

- a) To define variables
- b) To include standard input/output library functions
- c) To create loops
- d) To declare functions

#### 96. What is debugging?

- a) Writing code
- b) Finding and fixing errors in code
- c) Compiling code
- d) Running code

## 97. What is a syntax error?

- a) Logical mistake in program
- b) Error in program logic
- c) Error in program structure/rules
- d) Runtime error

## 98. What is a logical error?

- a) Grammar mistake in code
- b) Error that causes program to crash
- c) Error in program logic that produces wrong output
- d) Missing header files

## 99. What is the purpose of comments in C?

- a) To execute code
- b) To explain code to humans

- c) To compile faster
- d) To reduce memory usage

## 100. Which symbol is used for single-line comments in C?

- a) //
- b) /\*
- c) #
- d);

# C Programming Assignments & Practice Problems

All programs extracted from the HTML tutorial files with exact titles

## **LEVEL 1: INTRODUCTION PROGRAMS**

**Example 1: Working with Numbers** Write a program to demonstrate different data types with numbers.

**Example 2: Working with Characters** Write a program to work with character variables.

**Example 3: Simple Student Information** Write a program to display student information using multiple data types.

**Example 4: Reading an Integer** Write a program to read an integer from user input.

**Example 5: Reading Multiple Inputs** Write a program to read multiple inputs (age, marks, height) from the user.

**Example 6: Story without user input** Write a program to create a story using predefined variables.

**Example 7: Story with user input** Write a program to create an interactive story using user input.

## **LEVEL 2: BASIC OPERATIONS**

**Example 1: Basic Addition** Write a program to perform basic addition.

**Example 2: Basic Subtraction** Write a program to perform basic subtraction.

**Example 3: Basic Multiplication** Write a program to perform basic multiplication.

**Example 4: Addition with Variables** Write a program to add numbers using variables.

**Example 5: All Basic Operations** Write a program to demonstrate all basic arithmetic operations.

**Example 6: Add Two Numbers from User** Write a program to add two numbers entered by the user.

**Example 7: Understanding Remainder (%)** Write a program to demonstrate the modulus operator.

**Example 8: Is One Number Bigger?** Write a program to compare two numbers.

**Example 9: Ask for User's Age** Write a program to ask and display user's age.

**Example 10: Simple Personal Information** Write a program to collect and display personal information.

**Example 11: Is a Number Big?** Write a program to check if a number is greater than a certain value.

**Example 12: Can You Vote?** Write a program to check voting eligibility.

**Example 13: Is Number Even or Odd?** Write a program to check if a number is even or odd.

**Practice 14: Grade Calculator (Simple)** Write a program to calculate grades based on marks.

**Practice 15: Simple Calculator** Write a program to create a simple calculator.

**Example 16: Find the Biggest of Two Numbers** Write a program to find the larger of two numbers.

**Example 17: Age Group Checker** Write a program to classify age groups.

## **LEVEL 3: CONTROL STRUCTURES**

**Example 1: Count from 1 to 5** Write a program to count from 1 to 5 using loops.

**Example 2: Count from 1 to 10** Write a program to count from 1 to 10.

**Example 3: Count Backwards** Write a program to count backwards.

**Example 4: Print User's Name Multiple Times** Write a program to print user's name multiple times.

**Example 5: Addition Table** Write a program to create an addition table.

**Example 6: Sum of First N Numbers** Write a program to calculate sum of first N numbers.

**Example 7: Even Numbers from 2 to 20** Write a program to print even numbers from 2 to 20.

**Example 8: Check if Number is Positive** Write a program to check if a number is positive.

**Example 9: Check if One Number is Greater Than Another** Write a program to compare two numbers.

**Example 10: Check Voting Eligibility Based on Age** Write a program to check voting eligibility.

**Example 11: Check Pass or Fail** Write a program to determine pass or fail.

**Example 12: Check if Student Has Passed or Failed Based on Marks** Write a program for student pass/fail evaluation.

**Example 13: Check if Number is Positive or Negative** Write a program to check number sign.

**Example 14: Check if Number is Odd or Even** Write a program to check odd or even.

**Example 15: Check if a Year is a Leap Year** Write a program to check leap year.

**Example 16: Positive, Negative, or Zero Check** Write a program for three-way number check.

**Example 17: Print Day of Week Based on User's Choice** Write a program to display day names.

**Example 18: Print Month Based on User's Choice** Write a program to display month names.

**Example 19: Simple Age Groups** Write a program to categorize age groups.

**Example 20: Leap Year Checker** Write a program to check leap year with complete logic.

**Example 21: Voting Eligibility** Write a program to check voting eligibility.

**Example 22: Vowel or Consonant** Write a program to check vowel or consonant.

**Example 23: Positive, Negative, or Zero** Write a program for number classification.

**Example 24: Counting from 1 to 5** Write a program using while loop to count.

**Example 25: Count Number of Digits in a Number** Write a program to count digits.

**Example 26: Counting from 1 to 5 with a for loop** Write a program using for loop.

**Example 27: A simple menu** Write a program to create a simple menu.

**Example 28: Simple Calculator for Two Numbers** Write a calculator program.

**Example 29: Find Maximum of Three Numbers** Write a program to find maximum of three numbers.

**Example 30: Print Numbers from 1 to n** Write a program to print numbers from 1 to n.

**Example 31: Print Numbers from n to 1** Write a program to print numbers in reverse.

**Example 32: Print Odd Numbers Up to n** Write a program to print odd numbers.

**Example 33: Multiplication Table** Write a program to print multiplication table.

**Example 34: Sum of Even Numbers** Write a program to calculate sum of even numbers.

**Example 35: Simple Grade Calculator** Write a program for grade calculation.

**Example 36: Find the Bigger Number** Write a program to find the bigger number.

**Example 37: Simple Number Guessing** Write a simple number guessing game.

## **LEVEL 4: FUNCTIONS & ARRAYS**

**Example 1: Simple Function Example** Write a program with a simple function.

**Example 2: A function that adds two numbers** Write a program with an addition function.

**Example 3: Area of a Rectangle** Write a program to calculate rectangle area using functions.

**Example 4: Array Declaration and Initialization** Write a program to declare and initialize arrays.

**Example 5: Accessing and printing elements** Write a program to access array elements.

**Example 6: Printing all elements with a loop** Write a program to print all array elements.

**Example 7: Temperature Converter** Write a program to convert temperatures.

**Example 8: Prime Number Checker** Write a program to check prime numbers.

**Example 9: Factorial Function** Write a program to calculate factorial using functions.

**Example 10: Sum of an Array** Write a program to calculate sum of array elements.

**Example 11: Search Element in Array** Write a program to search for an element in array.

**Example 12: Reverse an Array** Write a program to reverse array elements.

**Example 13: Count Frequency of Elements** Write a program to count element frequency in array.

**Example 14: Basic String Operations** Write a program for basic string operations.

**Example 15: Using string functions** Write a program using string library functions.

**Example 16: Simple Username Greeting** Write a program for username greeting.

**Example 17: String Length Without strlen()** Write a program to find string length without library function.

**Example 18: Reverse a String** Write a program to reverse a string.

**Example 19: Count Vowels and Consonants** Write a program to count vowels and consonants.

**Example 20: Check Palindrome** Write a program to check if string is palindrome.

**Example 21: Simple Word Count** Write a program to count words in a string.

## **LEVEL 5: ADVANCED PROGRAMS**

**Example 1: Simple Calculator** Write a program for an advanced calculator.

**Example 2: Simple Number Game** Write a program for a number guessing game.

- 1. Write a program to check whether a person is eligible to vote or not.
- 2. Write a program to check whether a character is vowel or consonant.
- 3. Write a program to check whether a number is positive, negative or zero.
- 4. Write a program to calculate the grade of a student.
- 5. Write a program to check whether a character is vowel or not.
- 6. Write a program to print your name 10 times using while loop.
- 8. Write a program to add two numbers (10, 15).
- 9. Write a program to multiply three numbers (2, 3, 5).
- 10. Write a program to find the square of a given number (7).
- 11. Write a program to find the area of a rectangle (l=5, b=4).
- 12. Write a program to calculate the perimeter of a circle.
- 13. Write a program to add two numbers (10, 20).
- 14. Write a program to find the square and cube of a number.
- 15. Write a program to find the sum, product, and average of three numbers (2, 5, 7).
- 16. Write a program to accept three integer numbers from the user and calculate the sum, product, and average.
- 17. Write a program to find the area of a square.

- 18. Write a program to find the area of a rectangle.
- 19. Write a program to swap the values of two numbers.

## **Answer Key**

- 1. b) Dennis Ritchie
- **2.** a) 1969-1973
- 3. c) To serve as the entry point of the program
- 4. c) Automatic garbage collection
- 5. a) Integrated Development Environment
- 6. b) C-Free
- **7.** c) .c
- 8. b) Successful program termination
- 9. b) A storage location with a name that holds data
- **10.** c) char
- **11.** c) %d
- **12.** c) 4
- **13.** c) float
- **14.** b) %f
- 15. a) Displays 2 decimal places
- **16.** b) char ch = 'A';
- **17.** b) -128 to 127
- **18.** c) double
- **19.** b) 8
- **20.** c) %lf
- **21.** a) +
- **22.** b) \*
- **23.** b) /
- 24. b) Modulus (remainder)
- **25.** b) 1
- **26.** b) 3
- **27.** b) ==
- **28.** b) !=

- **29.** a) 1
- **30.** b) False
- **31.** a) 1
- **32.** a) 1
- **33.** b) printf()
- **34.** b) scanf()
- **35.** b) To get the address of a variable
- **36.** b) %d
- **37.** d) %s
- **38.** b) Creates a new line
- **39.** a) scanf("%c", &ch);
- 40. d) All of the above
- **41.** b) if
- **42.** b) if (condition) { }
- **43.** a) if-else
- **44.** a) if (condition) { } else { }
- 45. b) if-else if-else ladder
- 46. b) To compare a variable against multiple values
- **47.** c) break
- 48. b) Fall-through to next case
- **49.** c) float
- 50. a) To handle all unmatched cases
- **51.** d) repeat
- **52.** a) for (init; condition; update) { }
- 53. b) Initialization
- 54. b) Condition
- **55.** a) while (condition) { }
- **56.** c) do-while
- **57.** a) do { } while (condition);
- 58. c) Loop doesn't execute at all
- 59. b) A loop that executes until manually stopped
- 60. b) To exit the loop immediately
- 61. b) A self-contained block of code that performs a specific task
- 62. b) To send a value back to the calling code
- 63. b) The function returns nothing
- 64. a) int func(int a, int b)
- 65. b) Executing/invoking a function

- 66. b) Input values passed to a function
- 67. a) Actual parameters are in function call, formal in function definition
- 68. b) Declaring function before main()
- 69. b) To allow calling function before defining it
- **70.** b) Calling the same function within itself
- 71. b) A collection of elements of same data type
- **72.** a) int arr[10];
- **73.** b) 0
- **74.** c) arr[4]
- 75. c) Causes undefined behavior
- **76.** a) int arr[5] = {1,2,3,4,5};
- **77.** b) An array of arrays (rows and columns)
- **78.** a) int matrix[3][3];
- **79.** c) matrix[1][2]
- **80.** b) 40
- 81. b) Using character array with null terminator
- **82.** a) \0
- 83. d) Both a and c
- **84.** c) string.h
- 85. c) Returns length of string
- **86.** c) Copies one string to another
- 87. c) Concatenates (joins) two strings
- 88. c) Compares two strings
- **89.** b) 0
- 90. c) Negative value
- 91. b) A step-by-step procedure to solve a problem
- 92. b) A visual representation of an algorithm
- **93.** b) \n
- **94.** a) \t
- 95. b) To include standard input/output library functions
- 96. b) Finding and fixing errors in code
- 97. c) Error in program structure/rules
- 98. c) Error in program logic that produces wrong output
- 99. b) To explain code to humans
- **100.** a) //