QUIZIZZ Worksheets

PROGRAMMING QUESTIONS
Total questions: 100
Worksheet time: 50mins
Instructor name: Ms. NIRAJANA SELVARAJ

Name

Class

Date

1. Which of the following is a valid C variable name?

    a) c)variable 1   b) a) 1variable

    c) d) variable-1   d) b) variable_1

2. Which of the following is not a valid C data type?

    a) d) char   b) c) string

    c) a) int   d) b) float

3. What is the output of the following code: printf("%d", 5 + 3);?

    a) c) 53   b) b) 8

    c) d) Error   d) a) 5

4. Which of the following operators is used for logical AND in C?

    a) d) !   b) b) &&

    c) c) || d) a) &

5. What is the correct way to declare a pointer in C?

    a) b) int ptr*;   b) d) ptr int*;

    c) c) *int ptr;   d) a) int *ptr;

6. Which of the following functions is used to allocate memory dynamically in C?

    a) d) All of the above   b) b) calloc()

    c) c) realloc()   d) a) malloc()

7.   What will be the output of the following code: printf("%c", 'A' + 1);?

   a) b) B   b) c) C

   c) a) A   d) d) Error

8.   What will be the output of the following code: printf("%d", 10 / 2);?

   a) d) Error   b) b) 5

   c) a) 2   d) c) 10

9.   Which of the following is a valid way to define a constant in C?

   a) d) All of the above   b) c) int const x = 10;

   c) a) const int x = 10;   d) b) #define x 10

10.   What is the output of the following code: printf("%s", "Hello, World!");?

   a) c) Error   b) d) World!

   c) a) Hello   d) b) Hello, World!

11.   Which of the following is the correct syntax to include a header file in C?

   a) c) #include "stdio.h"   b) d) Both a and c

   c) b) include   d) a) #include

12.   What will be the output of the following code: printf("%f", 3.14);?

   a) a) 3.14   b) b) 3.140000

   c) d) 3.1   d) c) Error

13.   Which of the following is used to terminate a string in C?

   a) c) \t   b) b) \0

   c) d) \r   d) a) \n

14. What will be the output of the following code: printf("%d", 7 * 2);?

    a) c) 72   b) d) Error

    c) b) 12   d) a) 14

15. Which of the following is the correct way to define a structure in C?

    a) d) All of the above   b) a) struct { int x; };

    c) b) struct x { int x; };   d) c) struct x { int x; } x;

16. What is the output of the following code: printf("%f", 2.5 + 1.5);?

    a) a) 4.0   b) c) 4.00

    c) b) 4.000000   d) d) Error

17. What will be the output of the following code: printf("%d", 3 * 4);?

    a) d) Error   b) c) 34

    c) b) 7   d) a) 12

18. Which of the following operators is used for bitwise OR in C?

    a) b) || b) c) &

    c) d) ^   d) a) |

19. Which of the following is a valid C function declaration?

    a) b) function void();   b) c) void function[];

    c) d) function();   d) a) void function();

20. Which of the following is the correct way to declare an array in C?

    a) c) int arr(10);   b) a) int arr[];

    c) d) Both a and b   d) b) int arr[10];

21.   What will be the output of the following code: printf("%d", 5 - 2);?

   a) c) 7   b) b) 2

   c) d) Error   d) a) 3

22.   Which of the following is the correct way to comment in C?

   a) a) // This is a comment   b) c) # This is a comment

   c) b) /* This is a comment */   d) d) Both a and b

23.   Which keyword is used to define a class in C++?

   a) b) struct   b) a) object

   c) c) class   d) d) define

24.   Which of these is not a type of constructor in C++?

   a) b) Copy constructor   b) a) Default constructor

   c) d) Parameterized constructor   d) c) Static constructor

25.   What is the operator used for dereferencing pointers in C++?

   a) a) *   b) d) ->

   c) c) &&   d) b) &

26.   Which keyword is used to make a member variable unmodifiable?

   a) a) const   b) d) readonly

   c) c) volatile   d) b) static

27.   In C++, cout and cin are defined in which header file?

   a) b) conio.h   b) a) iostream

   c) c) stdio.h   d) d) stdlib.h

28.   Which of these access specifiers allows access only within the same class?

      a) d) extern   b) a) public

      c) b) private   d) c) protected

29.   What will be the output of cout << (5 < 3 ? 5 : 3); in C++?

      a) b) 3   b) c) Error

      c) d) True   d) a) 5

30.   In C++, what does the new keyword do?

      a) d) None of the above   b) c) Deallocates memory

      c) a) Allocates memory on the stack   d) b) Allocates memory on the heap

31.   In C++, which function is used to release dynamically allocated memory?

      a) c) release   b) a) delete

      c) b) free   d) d) remove

32.   What will be the output of cout << (int)'A'; in C++?

      a) d) Error   b) a) A

      c) b) 65   d) c) a

33.   What will be the output of cout << 5 / 2; in C++?

      a) a) 2.5   b) d) Error

      c) c) 3   d) b) 2

34.   What will be the output of cout << (10 % 3); in C++?

      a) a) 1   b) c) 10

      c) b) 3   d) d) Error

35. Which of the following is a valid destructor in C++?

a) d) None of the above   b) b) ClassName~()

c) a) ~ClassName()   d) c) ClassName::()

36. What will be the output of the following code: printf("%d", 8 + 4 / 2);?

a) d) Error   b) a) 10

c) c) 8   d) b) 12

37. What will be the output of cout << (15 / 4); in C++?

a) c) 4   b) d) Error

c) b) 3.75   d) a) 3

38. Which of the following is a valid way to declare a pointer in C?

a) c) *int ptr;   b) a) int *ptr;

c) d) int &ptr;   d) b) int ptr*;

39. What will be the output of the following code: printf("%d", 10 - 3);?

a) c) 3   b) a) 7

c) d) Error   d) b) 10

40. Which of these features does C++ support that C does not?

a) b) Operator overloading   b) c) Classes and objects

c) a) Function overloading   d) d) All of the above

41. Which of the following is not a Java keyword?

a) c) try   b) d) method

c) a) static   d) b) class

42. Which of the following data types is not primitive in Java?

a) b) boolean   b) c) String

c) a) int   d) d) double

43. In Java, what will String s = "Hello"; s.toUpperCase(); System.out.println(s); output?

a) d) Error   b) a) HELLO

c) b) Hello   d) c) hello

44. The correct way to define a method in Java is:

a) d) None of the above   b) b) function method()

c) c) define method()   d) a) void method()

45. Which of the following is a method that gets called automatically when an object is created in Java?

a) a) main   b) c) constructor

c) b) run   d) d) new

46. Which method is used to find the length of a string in Java?

a) a) size()   b) b) length()

c) d) len()   d) c) getLength()

47. What is the correct way to start a thread in Java?

a) c) start()   b) d) begin()

c) b) execute()   d) a) run()

48. In Java, which keyword is used to inherit a class?

a) d) inherits_from   b) b) extends

c) a) inherits   d) c) implements

49. What will System.out.println("Java" + 10 + 20); output?

    a) b) Java1020   b) c) Java 30

    c) d) Error   d) a) Java30

50. Which method must be implemented by all Java threads?

    a) d) start()   b) a) run()

    c) b) execute()   d) c) call()

51. What is the result of 10 % 3 in Java?

    a) a) 1   b) c) 3

    c) d) 0   d) b) 2

52. In Java, what does super() do?

    a) a) Calls the parent class constructor   b) c) Calls a static method

    c) d) None of the above   d) b) Initializes a variable

53. What will be the output of System.out.println(2 + 2 + "2");?

    a) b) 42   b) a) 22

    c) c) 24   d) d) Error

54. Which of the following is a wrapper class in Java?

    a) b) Integer   b) c) char

    c) a) int   d) d) double

55. Which of the following statements is true about Java?

    a) a) Java is a platform-independent   b) c) Java is only used for web development.
        programming language.

    c) d) Java does not support multithreading.   d) b) Java does not support object-oriented
                                                         programming.

56. Which of the following is the correct way to declare a constant in Java?

   a) b) const int x = 10;   b) d) int const x = 10;

   c) c) static int x = 10;   d) a) final int x = 10;

57. Which of the following is a valid way to create a loop in Java?

   a) b) while(i < 10) {}   b) c) do {} while(i < 10);

   c) a) for(int i = 0; i < 10; i++) {}   d) d) All of the above

58. Which of the following is the correct way to declare an array in Java?

   a) b) int[] arr;   b) a) int arr[];

   c) c) arr int[];   d) d) Both a and b

59. What is the correct way to declare a pointer in C?

   a) c) *int ptr;   b) d) ptr int*;

   c) b) int ptr*;   d) a) int *ptr;

60. Which of the following is a valid way to create an array in C++?

   a) a) int arr[10];   b) d) All of the above

   c) c) int arr(10);   d) b) int arr = new int[10];

61. In Java, which keyword is used to create an interface?

   a) a) interface   b) c) class

   c) b) abstract   d) d) implements

62. JavaScript is a ___-side scripting language.

   a) d) None   b) a) Client

   c) b) Server   d) c) Both

63. Which of these is a JavaScript framework?

a) c) Laravel   b) d) Flask

c) b) React   d) a) Django

64. Which method is used to find the length of a string in JavaScript?

a) a) length()   b) d) .length

c) c) size()   d) b) strlen()

65. What is the output of console.log(typeof null); in JavaScript?

a) b) object   b) a) null

c) d) function   d) c) undefined

66. In JavaScript, how would you display Hello World! in an alert box?

a) c) msg("Hello World!");   b) a) alertBox("Hello World!");

c) b) alert("Hello World!");   d) d) console.log("Hello World!");

67. Which of these is a valid way to declare a variable in JavaScript?

a) d) All of the above   b) b) let name;

c) c) const name;   d) a) var name;

68. In JavaScript, what is NaN?

a) c) An undefined variable   b) b) Not a number

c) a) A number   d) d) None of the above

69. Which of the following is not a JavaScript data type?

a) d) Object   b) b) String

c) c) Character   d) a) Boolean

70. Which symbol is used for single-line comments in JavaScript?

a) c) /*   b) a) #

c) d) $ d) b) //

71. What is the output of console.log(2 + "2");?

a) b) 22   b) c) Error

c) d) Undefined   d) a) 4

72. In JavaScript, which of these is used to define a variable that cannot be reassigned?

a) a) const   b) c) var

c) d) final   d) b) let

73. What will be the output of console.log("Hello" + " World!");?

a) c) HelloWorld!   b) d) Error

c) b) Hello   d) a) Hello World!

74. Which JavaScript function converts a JSON string into a JavaScript object?

a) b) JSON.parse()   b) c) object()

c) a) JSON.stringify()   d) d) toObject()

75. Which method adds an element at the beginning of an array in JavaScript?

a) b) pop()   b) c) unshift()

c) a) push()   d) d) concat()

76. How can you define a function in JavaScript?

a) d) func myFunc() {}   b) c) define myFunc() {}

c) a) function myFunc() {}   d) b) let myFunc() {}

77. Which of the following is used to define a variable in JavaScript?

a) d) All of the above
b) a) let
c) b) var
d) c) const

78. What is the output of the following code?
console.log("5" + 5);

a) c) Error
b) d) 5 + 5
c) b) 55
d) a) 10

79. Which method is used to parse a string and return an integer in JavaScript?

a) a) parseInt()
b) d) Number()
c) c) toInteger()
d) b) parseFloat()

80. What does === operator in JavaScript check?

a) a) Equality of values only
b) d) None of the above
c) c) Equality of both value and data type
d) b) Equality of data types only

81. How can you add an element to the end of an array in JavaScript?

a) c) shift()
b) a) push()
c) b) pop()
d) d) unshift()

82. Which of the following is NOT a JavaScript data type?

a) b) Boolean
b) c) Element
c) d) String
d) a) Number

83. Which of the following is the correct way to create an array in JavaScript?

a) a) var colors = "red", "green", "blue";
b) b) var colors = ["red", "green", "blue"];
c) c) var colors = (1:"red", 2:"green", 3:"blue");
d) d) var colors = 1 = ("red"), 2 = ("green"), 3 = ("blue");

84. What is the purpose of the map() method in JavaScript?

a) a) To combine two arrays   b) c) To execute a function on each array element
                                                  and create a new array

c) b) To filter out elements in an array   d) d) To sort the elements in an array

85. What will console.log(typeof null); output in JavaScript?

a) b) object   b) d) string

c) c) undefined   d) a) null

86. In Python, how do you create a list?

a) b) ()   b) c) {}

c) d) <>   d) a) []

87. What is the output of print(type(10.5)) in Python?

a) d) long   b) c) double

c) a) int   d) b) float

88. Which of the following functions converts a string to uppercase in Python?

a) b) toUpperCase()   b) a) toupper()

c) d) uppercase()   d) c) upper()

89. In Python, what is the output of print(2 ** 3)?

a) c) 9   b) d) 4

c) b) 8   d) a) 6

90. Which of these functions can be used to take user input in Python?

a) a) read()   b) b) input()

c) c) scan()   d) d) prompt()

91.   Which of the following is not a Python keyword?

    a) c) define   b) a) try

    c) b) class   d) d) finally

92.   In Python, what will print("Hello, World!"[1]) output?

    a) b) e   b) d) Error

    c) a) H   d) c) Hello

93.   Which of these will import the math module in Python?

    a) a) import math   b) d) import.math

    c) b) include math   d) c) math.import()

94.   In Python, which of the following is used to check if two variables are equal?In Python, which of the following is used to check if two variables are equal?

    a) d) equal   b) b) ==

    c) c) equals   d) a) =

95.   Which of the following statements correctly declares a Python dictionary?

    a) b) my_dict = ("name": "Alice", "age": 25)   b) c) my_dict = ["name": "Alice", "age": 25]

    c) d) my_dict = {"name", "Alice", "age", 25}   d) a) my_dict = {"name": "Alice", "age": 25}

96.   What will be the output of the following code?
       print(type([]) is list)

    a) b) False   b) d) Error

    c) c) list   d) a) True

97.   Which of the following is the correct way to read a file in Python?

    a) a) file.open("file.txt", "r")   b) d) open("file.txt")

    c) c) file.read("file.txt")   d) b) open("file.txt", "r")

98. What will be the output of the following code?

print(2 **3** 2)

a) b)512   b) a)64

c) d)256   d) c)16

99. Which of the following data structures does NOT allow duplicate values in Python?

a) b) Tuple   b) a) List

c) c) Set   d) d) Dictionary

100.   In Python, which operator is used to concatenate two strings?

a) b) &   b) c) *

c) d) -   d) a) +