

Q: What is the main function in C?

A: The main function is the entry point of a C program, and it is where the execution of the program begins.

Q: What is the syntax of the main function?

A: The syntax of the main function in C is as follows:

```
int main(int argc, char* argv[])
{
    // code goes here
    return 0;
}
```

Q: What do the parameters of the main function represent?

A: The parameters of the main function represent the command-line arguments passed to the program. The first parameter, `argc`, is an integer that represents the number of arguments passed, and the second parameter, `argv`, is a pointer to an array of strings that contains the arguments.

Q: What is the return type of the main function, and what does it signify?

A: The return type of the main function is an integer, and it signifies the exit status of the program. A return value of 0 indicates that the program executed successfully, while a non-zero value indicates an error or abnormal termination.

Q: Can the main function take no arguments?

A: Yes, the main function can take no arguments. In this case, the function signature would look like:

```
int main()
{
    // code goes here
    return 0;
}
```

Q: Can the main function return something other than an integer?

A: No, the main function can only return an integer. Any other type of return value will result in a compilation error.

Related posts:

1. C program to convert inch to feet
2. C program to convert KM to CM
3. C program to convert meter to centimeter
4. C program to calculate remainder, difference, division, product
5. C program to use printf() without semicolon " ; "
6. C program to swap two numbers using 2 variables
7. C program to find nth term using Arithmetic progression
8. C program to find sum of first n even positive numbers
9. C program to calculate sum of first n even numbers
10. C program to find nth odd number

11. C program to find sum of first n odd positive numbers
12. C program to calculate perimeter and area of a rectangle
13. C program to calculate perimeter and area of a square
14. C program to calculate Perimeter and Area of Circle
15. Function in C Programming
16. C Programming Q & A
17. Void main in C Programming
18. Variables Q and A in C Programming
19. Write a C Program to find the percentage of marks ?
20. Write a c program to find age of a person ?
21. Write a c program to get table of a number
22. What is Break statement in C Programming ?
23. Write a c program to generate all combinations of 1, 2 and 3 using for loop.
24. Write a C program to print all the prime numbers between 1 to 50.
25. Write a C program to get factorial of a number ?
26. What is user defined function in C programming ?
27. Difference between C and C++ Programming ?
28. Difference between C, C++ and Java Programming
29. C program addition of numbers using pointer
30. C Syntax
31. Comments in C
32. Variables in C
33. Data types in C
34. Format specifiers in C
35. Type Conversion in C
36. Constants in C
37. Operators in C

38. Pre and Post Increment Practice Problems
39. Pre and Post Increment
40. Array in C
41. C Introduction
42. C Get Started
43. C Pointers
44. C History
45. C Program Compiling and running
46. C While loop
47. C Do While Loop
48. C For loop
49. break and continue statement
50. Control Statements in C
51. C if-else ladder
52. C if statements
53. C 2-Dimensional array
54. C String library functions
55. C Functions
56. C Functions Categories
57. C Actual Arguments
58. Write a program that prints the message "Hello, World!"
59. Write a program that asks the user to enter two numbers, and then prints the sum of those two numbers.
60. Write a program that asks the user to enter a number and then determines whether the number is even or odd.
61. Write a program that swaps the values of two variables.
62. Write a program that asks the user to enter a number and then calculates and prints

its factorial.

63. Write a program that asks the user to enter a number N and then prints the first N numbers in the Fibonacci sequence
64. Write a program that swaps the values of two variables without using a temporary variable
65. Converts a number into integer, float, and string
66. Program to find the length of the string
67. Program to convert string to uppercase or lowercase
68. Program to prints the numbers from 1 to 10.
69. What is identifier expected error
70. Difference between static and non static methods in Java
71. C String Input
72. C Character input
73. C Programming Variables MCQ
74. Object & Classes
75. C Programming find the output MCQs