

- In C, actual arguments are the values or expressions passed to a function when it is called.
- Actual arguments are used to provide input to the function and can be of different types depending on the function's parameter requirements.

Here's an example that demonstrates the use of actual arguments:



```
#include <stdio.h>

// Function that calculates the sum of two numbers
int add(int a, int b) {
    return a + b;
}

int main() {
    int num1 = 10;
    int num2 = 5;

    // Call the add() function with actual arguments num1 and num2
    int result = add(num1, num2);
    printf("The sum of %d and %d is: %d\n", num1, num2, result);

    return 0;
}
```

Explanation:

In this example, the `add()` function takes two integer parameters, `a` and `b`. In the `main()` function, we declare two variables `num1` and `num2` and assign them the values 10 and 5,

respectively.

When we call the `add()` function, we pass the actual arguments `num1` and `num2`. The values of `num1` and `num2` are copied into the corresponding function parameters `a` and `b`. The function then performs the addition operation using these values and returns the result.

The result is stored in the `result` variable, and we print the sum using `printf()`.

Output:

Output

```
The sum of 10 and 5 is: 15
```

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