Lab report:02

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Batch:62

Sample/input-output:

Enter two numbers: 5

7

Result using call by value: 35

Result using call by reference: 35

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#include <stdio.h>

// Function for call by value

int multiplyByValue(int a, int b) {

return a \* b;

}

// Function for call by reference

void multiplyByReference(int \*a, int \*b, int \*result) {

\*result = (\*a) \* (\*b);

}

int main() {

int num1, num2;

int res\_val, res\_ref;

printf("Enter two numbers: ");

scanf("%d %d", &num1, &num2);

// Calling the function using call by value

res\_val = multiplyByValue(num1, num2);

printf("Result using call by value: %d\n", res\_val);

// Calling the function using call by reference

multiplyByReference(&num1, &num2, &res\_ref);

printf("Result using call by reference: %d\n", res\_ref);

return 0;

}