1. **Find factorial using function**

**Program:**

#include <iostream>

unsigned long long factorial\_recursive(int n) {

if (n == 0) {

return 1;

} else {

return n \* factorial\_recursive(n - 1);

}

}

int main() {

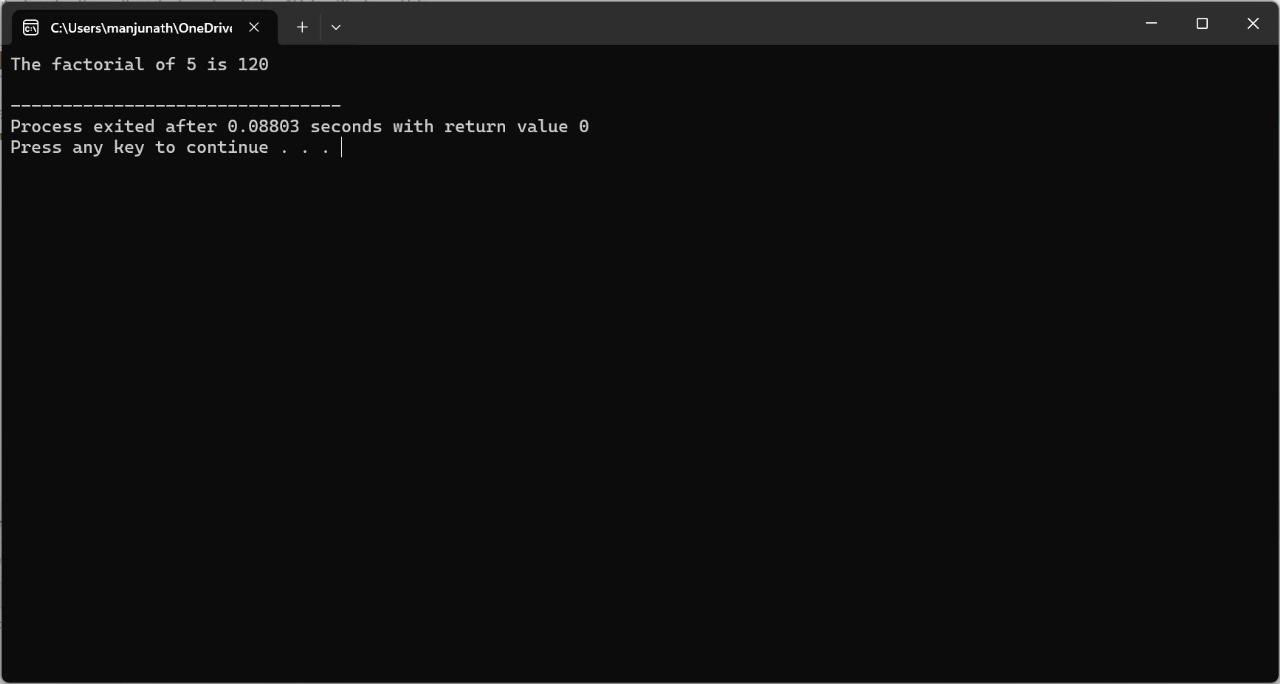
int num = 5;

std::cout << "The factorial of " << num << " is " << factorial\_recursive(num) << std::endl;

return 0;

}

**OUTPUT:**

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