**29.Abudant number**

**Program:**

#include <iostream>

using namespace std;

int main ()

{

int n = 12, sum = 0;

for(int i = 1; i < n; i++) { if(n % i == 0) sum = sum + i; } if(sum > n){

cout << n << " is an Abundant Number\n";

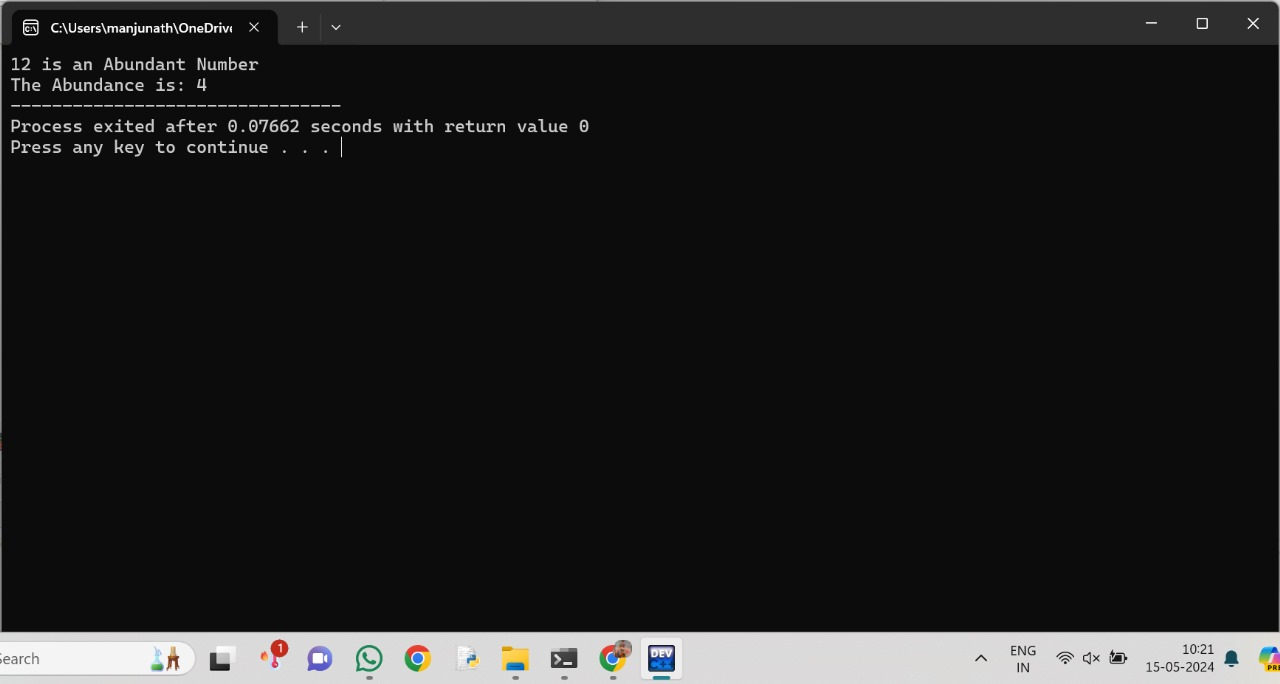
cout << "The Abundance is: " << (sum-n);

} else

cout << n << " is not an Abundant Number\n";

}

**OUTPUT:**

****