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Assignment 3

C++

Programming with words

a)

Every C++ program must have a main function.

b) The preprocessor is the instructions or preprocessor directives that the program tells the compiler to take a look at and import before actually compiling any of the functions. This lets the compiler interpret the identifiers and functions based on which libraries are specified in the preprocessing directives.

c) In previous assignments no data types or their values were defined in the parenthesis immediately following the function main in the program. Main does not expect to receive any input to fulfill parameters because none were included in the statement.

C++ Program

#include <iostream>

using namespace std;

int remainder(int x, int y)

{int r;

r=x-((x/y)\*y);

return r;

}

int main ()

{int dividend, divisor;

cout <<"Enter a dividend and then a divisor to find the remainder "<<'\n';

cout<<"Enter the dividend: ";

cin >> dividend;

cout<< "Enter the divisor: ";

cin>>divisor;

cout <<"the remainder is " <<remainder(dividend, divisor)<<'\n';

return 0;

}