#include <iostream>

#include <cmath> //math library from the C language library

#include <cstdlib> //math functions for integers from cstdlib library

using namespace std; //makes is so that you don’t have to put std::cout for each cout line.

//^x^at the top of the file: enables the program to get input and put output

int main() { //program starts in main() executing within {} one at a time.

int wage; //int creates interger variable named wage INTEGERS //lines end with ;

wage = 20; //assigns wage with 20

cout << “Salary is “; //outputs various values

cout << wage \* 40 \* 50;

cout << endl; //new line (its an L)

cin >> userAge; //user input assigned as a variable; use after creating variable

//floating points

double wage = 0.1; //double is for floating-point variables like fractions, or measurements

double wage /= 0.0; /\*RESULTS IN INFINITY OR -INFINITY (inf or -inf). if wage is also 0 it is (NaN) Not a Number \*/

cout << fixed << setprecision(2) << 3.1244 << endl; //outputs the float with 2 digits after decimal. does not need to be written again if all are the same. \*/

cout << 2.1 << endl;

return 0; //return 0 statements ends the program

}