Jessica Sullivan

ID: 1282151

Class: COMSC-210-5067

Professor: Pentcheva

Source Code:

CS210\_Assignment1B.cpp

*/\**

*Programmer: Jessica Sullivan*

*Programmer's ID: 1282151*

*Class: COMSC-210-5067*

*Goal: Write a program that will record information about employees*

*and will compute their paychecks*

*\*/*

#include <iostream>

**using** **namespace** std;

#include "Cylinder.h"

**int** main(**int** argc, **const** **char** \* argv[]) {

*// programmer's identification*

cout << "Programmer: Jessica Sullivan" << endl;

cout << "Programmer's ID: 1282151" << endl;

cout << "File: " << \_\_FILE\_\_ << endl;

Cylinder cylinder;

cylinder.init(10, 20);

cout << "The volume is: " << cylinder.getVolume() << endl;

**return** 0;

}

Cylinder.h:

*// Programmer: Jessica Sullivan*

*// Programmer's ID: 1282151*

*// Cylinder.h*

*// CS210\_Assignment1B*

*//*

*// Created by Jessie Sully on 1/28/20.*

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*//*

#ifndef Cylinder\_h

#define Cylinder\_h

#include <cmath>

**class** Cylinder {

**private**:

**int** radius = 0;

**int** height = 0;

**public**:

Cylinder(){}

Cylinder(**int** r, **int** h) { init(r,h); }

**void** init(**int**, **int**);

**double** getVolume() {**return** M\_PI \* radius \* radius \* height;}

};

**void** Cylinder::init(**int** r, **int** h) {

radius = r;

height = h;

}

#endif */\* Cylinder\_h \*/*

Output:

