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**Lab#05.**

**Github:**

**Task 1**

#include <iostream>

using namespace std;

class Line {

public:

void setLength( double len );

double getLength( void );

Line(double len); // This is the constructor

private:

double length;

};

// Member functions definitions including constructor

Line::Line( double len) {

cout << "Object is being created, length = " << len << endl;

length = len;

}

void Line::setLength( double len ) {

length = len;

}

double Line::getLength( void ) {

return length;

}

// Main function for the program

int main() {

Line line(10);

// get initially set length.

cout << "Length of line : " << line.getLength() <<endl;

// set line length again

line.setLength(6);

cout << "Length of line : " << line.getLength() <<endl;

return 0;

}