Mr Petja K

22017803

Assessment 5

#include <iostream>

#include <cmath>

int main() {

double x;

double a;

double y;

double b;

std::cout << "enter first value of x :"<< std::endl;

std::cin>> x;

std::cout << "enter second value of a :"<<std::endl;

std::cin>> a;

std::cout << "enter first value of y :"<<std::endl;

std::cin>> y;

std::cout << "enter second value of b :"<<std::endl;

std::cin>> b;

double distance = sqrt(pow(x - a, 2) + pow(y - b, 2));

std::cout<< "The distance between point 1 and 2 are :";

std::cout << distance;

return 0;

}