Pandoc User's Guide

John MacFarlane

July 23, 2020

Contents

1 Lab Report

1.1 Problem Identification and Statement.

1.2 Gathering of Information and Input/Output Description.

1.3 Test Cases (Hand-Solved Examples) and Algorithm Design.

1.4 Implementation.

1.5 Software Testing and Verification.

```
/*-----------------------------------------------*/
/* Name: your_name_here, Student Number: 0000001 */
/* Date: August 24, 2020. */
/* Program: distance.cpp */
/* Description: This program computes the distance */
/* between two points. */
/*-----------------------------------------------*/
#include <iostream>
#include <cmath>
using namespace std;
int main()
{
/* Declare and initialize the variables */
double x1 = -1, y1 = -3, x2 = 4, y2 = 6;
double length1, length2, distance;

/* Compute the sides of a right triangle */
length1 = x2 - x1;
length2 = y2 - y1;

/* Compute the distance between the two points. */
```

```
22 distance = sqrt(length1*length1 + length2*length2);
23
24 /* Print the distance */
25 cout << "The distance between the two points is " << distance << endl;
26  return (0);
27 }
28 /*--------------------------End---------------------*/
```