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Mr. Bond

CIS 251

September 29, 2017

Chapter 2 Exercise Questions

1. a = 25

Enter two integers : \_ \_

The numbers you entered are 20 and 15

z = 45.5

Your grade is 65

The value of a = 245.5

1. /\*

Author: Luke Williams

Date: September 29, 2017

Description: Provides name and salary

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#include <iostream>

#include <string>

using namespace std;

const double X = 13.45;

const int Y = 34;

const char BLANK = ‘ ‘;

int main ()

{

string firstName, lastName;

int num;

double salary;

cout << “Enter first name: “;

cin >> firstName;

cout << endl;

cout << “Enter last name: “;

cin >> lastName;

cout << endl;

cout << “Enter a positive integer less than 70: “;

cin >> num;

cout << endl;

salary = num \* X;

cout << “Name: “ << firstName << BLANK << lastName << endl;

cout << “Wages: $” << salary << endl;

cout << “X = “ << X << endl;

cout << “X + Y = “ << X + Y << endl;

return 0;

}

1. a. x = 5, y = 28, ch = ‘3’

b. ch = ‘5’, x = 28, y = 36

c. x = 5, ch = ‘2’, y = 8

d. x = 5, y = 28, ch = ‘ ‘

1. a. x = 13, y = 28, ch = ‘1’

b. x = 13, y = 14, ch = ‘A’

c. y = 13, x = 14, ch = ‘E’

d. ch = ‘1’, x = 14, y = 14

1. a. age = 35, name = 35 Mickey Balto

b. age = 35, name = Mickey Balto

1. /\*

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Description: input.dat output sum of num1 and num2 into output.dat

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#include <iostream>

#include <fstream>

using namespace std;

int main ()

{

int num1, num2;

ifstream infile;

ofstream outfile;

infile.open (“input.dat”);

outfile.open (“output.dat”);

infile >> num1 >> num2;

outfile << “Sum = “ << num1 + num2 << endl;

infile.close ();

outfile.close ();

return 0;

}

1. a. inputFile.dat contents remain unchanged

b. outputFile.dat contents are the result of the calculations and statements made

c. the original file is overwritten

d. the program would create the file