1

1.1

The following C++ program will not compile because the lines have been mixed up.

#include <iostream>

using namespace std;

int main()

{

// A crazy mixed up program

cout << ”In 1492 Columbus sailed the ocean blue.”;

return 0;

}

When the lines are properly arranged the program should display the following on the screen:

In 1492 Columbus sailed the ocean blue.

Rearrange the lines in the correct order. Test the program by entering it on the computer, compiling

it, and running it.

1.2

Modify the following program so it prints two blank lines between each line of text:

#include <iostream>

using namespace std;

int main() {

cout << ”Two mandolins like creatures in the” << endl << endl << endl;

cout << ”dark” << endl << endl << endl;

cout << ”Creating the agony of ecstasy.” << endl << endl << endl;

cout << ” - George Barker” << endl << endl << endl;

return 0;

}

2 What will each of the following programs display?

2.1

// The Works of Wolfgang

#include <iostream>

using namespace std;

int main()

{

cout << ”The works of Wolfgang\ninclude the following”;

cout << ”\nThe Turkish March” << endl;

cout << ”and Symphony No. 40 ”;

cout << ”in G minor.” << endl;

return 0;

}

The works of Wolfgang

Include the following

The Turkish March

And the Symphony No. 40 in G minor

2.2

#include <iostream>

using namespace std;

int main()

{

int freeze = 32, boil = 212;

freeze = 0;

boil = 100;

cout << freeze << endl << boil << endl;

return 0;

}

0

100

2.3

#include <iostream>

using namespace std;

int main()

{

cout << ”Be careful \n ”;

cout << ”This might /n be a trick ”;

cout << ”question \n”;

return 0;

}

Be careful

This might /n be a trick question

3 The following programs have some errors. Locate as many as

you can.

3.1

#include <iostream>

using namespace std;

int main ()

{

double number1, number2, sum;

Cout << ”Enter a number: ”;

Cin >> number1;

Cout << ”Enter another number: ”;

Cin << number2; cin >> number2;

number1 + number2 = sum; sum = number1 + number2;

Cout ”The sum of the two numbers is ” << sum cout << “The sum of the two numbers is” << sum;

return 0;

}

3.2

#include <iostream>; #include <iostream>

using namespace std;

int main()

{

const int number1, number2, product; double number1, number2, product;

// May not actually throw an error but provides more freedom for user to change type to double //and makes likelihood of errors less likely by not being a constant.

cout << ”Enter two numbers and I will multiply\n”;

cout << ”them for you.\n”;

cin >> number1 >> number2;

product = number1 \* number2;

cout << product cout << product;

return 0;

}