**Factors**

*Sw02\_factors.cpp*

Write a program which accepts a number and displays all the factors of that number.

**PROGRAM DESIGN**

The program should be able to accept a positive integer input from the user, and print all factors of that number. Factors are numbers you can multiply together to get another number. Example: the factors of 2, are 1 and 2. Use while loop and selection structures for this problem.

**PROGRAM SKELETON**

#include <iostream>

using namespace std;

int main()

{

int number, count;

...

return 0;

}

**INPUT**

There is only one integer input for this program.

**OUTPUT**

Once the user enters the input, the program should be able to calculate and print all the factors of the integer input.

**SAMPLE INPUT**

5

26

50

24

11

**SAMPLE OUTPUT**

1 5

1 2 13 26

1 2 5 10 25 50

1 2 3 4 6 8 12 24

1 11