Istvan von Fedak
Programing 118

Lab 4

The right window is damage and has no explosive resistant glass.

Your job is to hit the HQ's rigth window with a cannon ball to destroy it.

You can adjusted your cannon in two different ways:

    1) You can imput the initial angle your cannon will fire
    2) You can imput the strength your cannon's projectiles (initial velocity)

Difficulty levels:
  - There are four dificulty levels each marked by a number
  - You will be asked to imput the difficulty level number

    1 is the easiest difficulty level, allowing user to have five
      cannon balls
    2 is the moderate difficulty level, allowing user to have three
      cannon balls
    3 is the semi-hard difficulty level, allowing user to have one
      cannon ball
    4 is the hardest difficulty level, allowing user to have one cannon ball
      and a random angle is assigned

Good luck on your mission.

Set difficulty level:

CONNACON

CONNACON

Mission Accomplished.

Input desired angle: 45
Input desired velocity: 140
You've hit the reinforced window...
There seems to be a slight dent but nothing to promising

You have 4 cannon balls left left!

Input desired velocity: 35

You have 3 cannon balls left left!

Input desired velocity: 135

If you still have amo left, try hitting the renforced window.
You probably wont destroy it but its worth a shot.

Otherwise feel free to start the mission at a higher difficulty lvl.

You have 2 cannon balls left left!

Input desired velocity:

CONNACON

Mission Accomplished.

Process: [2340] Computer_Prog_118.exe

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'Computer_Prog_118' (1 project)
- Computer_Prog_118
  - External Dependencies
  - Header Files
    - library.h
    - Resource Files
  - Source Files
    - Lab4.cpp

```
*** FINISHED ***

If you still have amo left, try hitting the renforced window.
You probably wont destroy it but its worth a shot.

Otherwise feel free to start the mission at a higher difficulty lvl.

You have 2 cannon balls left left!

Imput desired velocity: 144

You've hit the reinforced window...
There seems to be a slight dent but nothing to promissing

You have 1 cannon balls left left!

Imput desired velocity: 145

You've hit the reinforced window...
There seems to be a slight dent but nothing to promissing

You have 0 cannon ball left!

You have run out of amo...
```

A Window

CONNACON

Mission Accomplished.