**Vector Unit Test**

Vector Default constructor

Text

Description automatically generated

Vector Copy Constructor

Text

Description automatically generated

Vector size constructor



Vector less than 1 int constructor



Vector SetSize



Vector SetSize (lower than length)

A screenshot of a computer

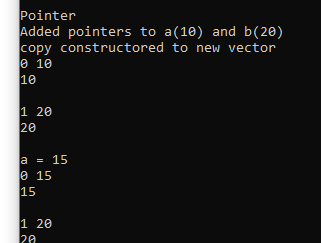
Description automatically generated with low confidence

Vector = operator

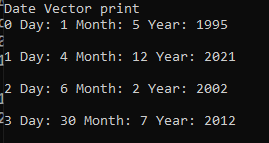
Text

Description automatically generated

Vector copy constructor (with pointer)



Vector of Date (reading from file to vector of date)



Vector of Time (reading from file to vector of time)

Text

Description automatically generated with low confidence

Negative []

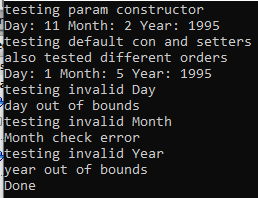


Out of bounds []



**Date Unit Testing**

Param construtor, default construtor and setters, invalid param constructor



Year out of bounds

Graphical user interface

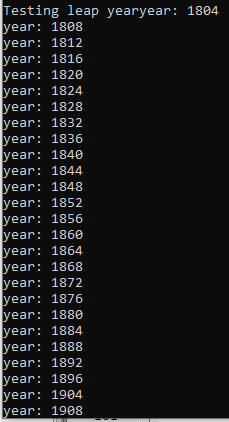
Description automatically generated with low confidence

Testing month out of bounds

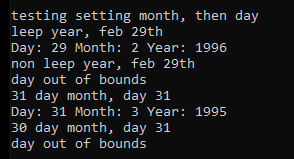
Text

Description automatically generated

Testing leap year



Testing Month then day setter



Setting Day then year

Text

Description automatically generated

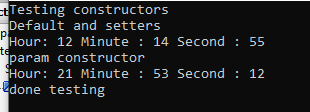
= operator and copy constructor

Text

Description automatically generated

**Date Testing**

Default/setters and param constructor



Copy constructor and = operator

Text

Description automatically generated

Param constructor out of bound (3 tests, 1 for each)

Graphical user interface, text, application

Description automatically generated

Param constructors zeroed

Text

Description automatically generated

Param constructors too low

Text

Description automatically generated

Param constructors highest





**Program Testing**

File Opening

Text

Description automatically generated

Move Data location

Text

Description automatically generated

Text as data entry

Missing data entry

Graphical user interface, text

Description automatically generated

Text as year entry

Text

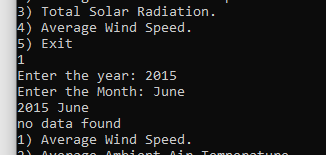
Description automatically generated

Invalid year and month

Text

Description automatically generated

Valid year, no data for month



Invalid month

Text

Description automatically generated

Invalid year

Text

Description automatically generated

Invalid year

Text

Description automatically generated

Invalid year

Table

Description automatically generated

Invalid menu input

A screenshot of a computer

Description automatically generated with low confidence