

## A TREASURE MAP - AN EXERCISE IN VECTORS

You and your friends are searching for a lost treasure that is located somewhere in the United States. Instead of a traditional treasure map, you have gained access to a file which contains a list of vectors.(download here You suspect that the location of the treasure can be found by adding up all of the vectors. Each line in the file contains two numbers. The first number is the magnitude of the vector and the second number is the angle that the vector points in a standard coordinate system. Use python to find the location of the treasure. Your starting points is Rexburg. Here are some tips/hints that may help you.

1. Here