

### **Abstract**

The context of this problem is carrying out a hunt for treasure in a “house” that is represented by a graph. The program will accumulate treasure, and keep track of how much is found in what place. The program will accept user input to customize the search process. Beyond this, the program must obtain the data describing the house from a file. Another file stores the treasure data. Moreover, the program must write a (log)

file describing the route taken through the house, and the successive subtotals of treasure gathered.