To submit your project 1: make sure to use “**COSC 6367 Project 1**” as your email title.

List of items to be submitted:

1. Your EC-Program that solves the transportation problem:
   * You should provide a “readme.txt” file to describe the steps to compile and run your program.

* Your program need to be able to read input from a file in the following format(one per line):

source[1]=5  
source[2]=5  
source[3]=20  
source[4]=15  
source[5]=15  
destination[1]=8  
destination[2]=8  
destination[3]=8  
destination[4]=8   
destination[5]=8  
destination[6]=10  
destination[7]=10

* Store the solution matrix and the cost of the lowest cost solution of ***every generation*** into a file. For example, the file may looks like:

Generation 1: cost function=f1, cost=3.21

8 8 8 8 8 10 10

5 5 0 0 0 0 0 0

5 3 2 0 0 0 0 0

20 0 6 8 6 0 0 0

15 0 0 0 2 8 5 0

15 0 0 0 0 0 5 10

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Generation 2: cost function=f1, cost=3.21

*Continue…*

1. The input file(s) you used to test your program (in case that your program is not compatible with the input file that I prepared)
2. Your report (9 to 13 single spaced pages) that describes the evolution of the project, gives a clear description of the explored and employed search strategies, and summarizes the results of running your program using the four cost functions for the two test cases given.
   * Make sure you have put your name and student ID on your report.

You may be asked to demo your software if I cannot rerun your experiment.