

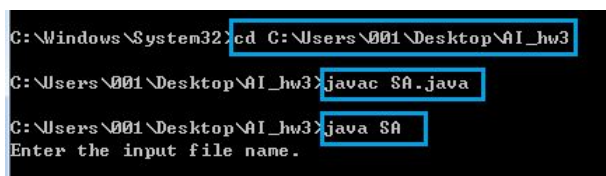
Programing Assignment #3 - README

CSCE 625 - Artificial Intelligence
Spring 2015

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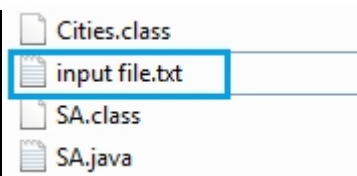
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1. The source code I turned in is named "SA.java". Open a Command Prompt, enter the folder where "SA.java" is located. Compile with command "javac SA.java". Then run with command "java SA"(shown in Figure 1).



```
C:\Windows\System32>cd C:\Users\001\Desktop\AI_hw3
C:\Users\001\Desktop\AI_hw3>javac SA.java
C:\Users\001\Desktop\AI_hw3>java SA
Enter the input file name.
```

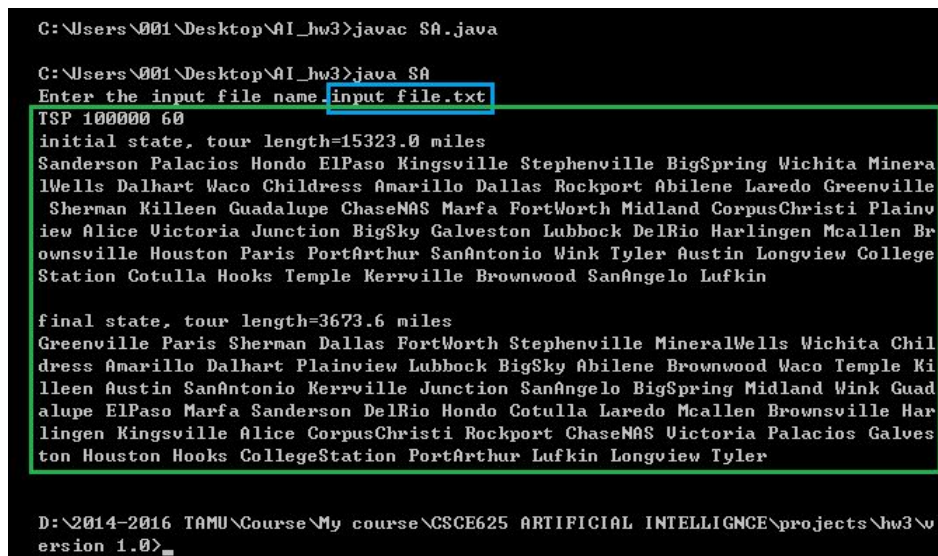
Figure 1



Cities.class
input file.txt
SA.class
SA.java

Figure 2

2. The you will need to enter the input file name. The input file should be in the same folder(shown in Figure 2). The result is shown in figure 3. This will generate a file named "SA_tracingInformation.txt", which records the detailed tracing information(shown in Figure 4).

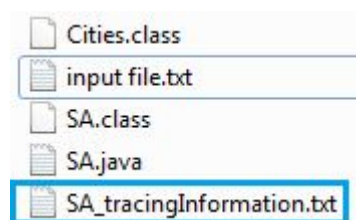


```
C:\Users\001\Desktop\AI_hw3>javac SA.java
C:\Users\001\Desktop\AI_hw3>java SA
Enter the input file name: input file.txt
TSP 100000 60
initial state, tour length=15323.0 miles
Sanderson Palacios Hondo ElPaso Kingsville Stephenville BigSpring Wichita Minera
lWells Dalhart Waco Childress Amarillo Dallas Rockport Abilene Laredo Greenville
Sherman Killeen Guadalupe ChaseNAS Marfa FortWorth Midland CorpusChristi Plainv
iew Alice Victoria Junction BigSky Galveston Lubbock DelRio Harlingen Mcallen Br
ownsville Houston Paris PortArthur SanAntonio Wink Tyler Austin Longview College
Station Cotulla Hooks Temple Kerrville Brownwood SanAngelo Lufkin

final state, tour length=3673.6 miles
Greenville Paris Sherman Dallas FortWorth Stephenville MineralWells Wichita Chil
dress Amarillo Dalhart Plainview Lubbock BigSky Abilene Brownwood Waco Temple Ki
lleen Austin SanAntonio Kerrville Junction SanAngelo BigSpring Midland Wink Guad
alupe ElPaso Marfa Sanderson DelRio Hondo Cotulla Laredo Mcallen Brownsville Har
lingen Kingsville Alice CorpusChristi Rockport ChaseNAS Victoria Palacios Galves
ton Houston Hooks CollegeStation PortArthur Lufkin Longview Tyler

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ersion 1.0>
```

Figure 3



Cities.class
input file.txt
SA.class
SA.java
SA_tracingInformation.txt

Figure 4