

Assignment 4

Due time: Thursday March 5th, 2015 at 12:00 midnight

[Note: You may submit on or before the deadline]

WHERE TO SUBMIT ASSIGNMENTS

As you know already, assignments are submitted in the appropriate drop box, as in homework 1. For this assignment **4**, there is a drop box “Drop box for assignment 4” in this module **10**.

WHAT TO TURN IN

Submit a zip file containing your Python source file, as explained in my write-up in previous modules, and as in assignment **3**.

NAMING YOUR FILE

I must be able to distinguish the homework submissions on my computer. So, please use your last name as part of file names for files and projects submitted to me. For example, for this assignment **4**, you should use something like the following, for the required file:

SmithHwk4.py
SmithHwk4.zip

PROJECT

The purpose of this assignment is for you to write a Python program, using the *simpleai* framework, for solving *any instance of the* **TSP** (**Traveling Salesman Problem**), using **hill climbing** with random restarts.

Refer to my write-up in this module **10**, for hints on how to proceed.