



NEW YORK CITY COLLEGE OF TECHNOLOGY

THE CITY UNIVERSITY OF NEW YORK
Department of Computer Engineering Technology
300 Jay Street, Brooklyn, NY 11201-1909

EMT1111: Logic and Problem Solving

Python Lab: Turtle Blast

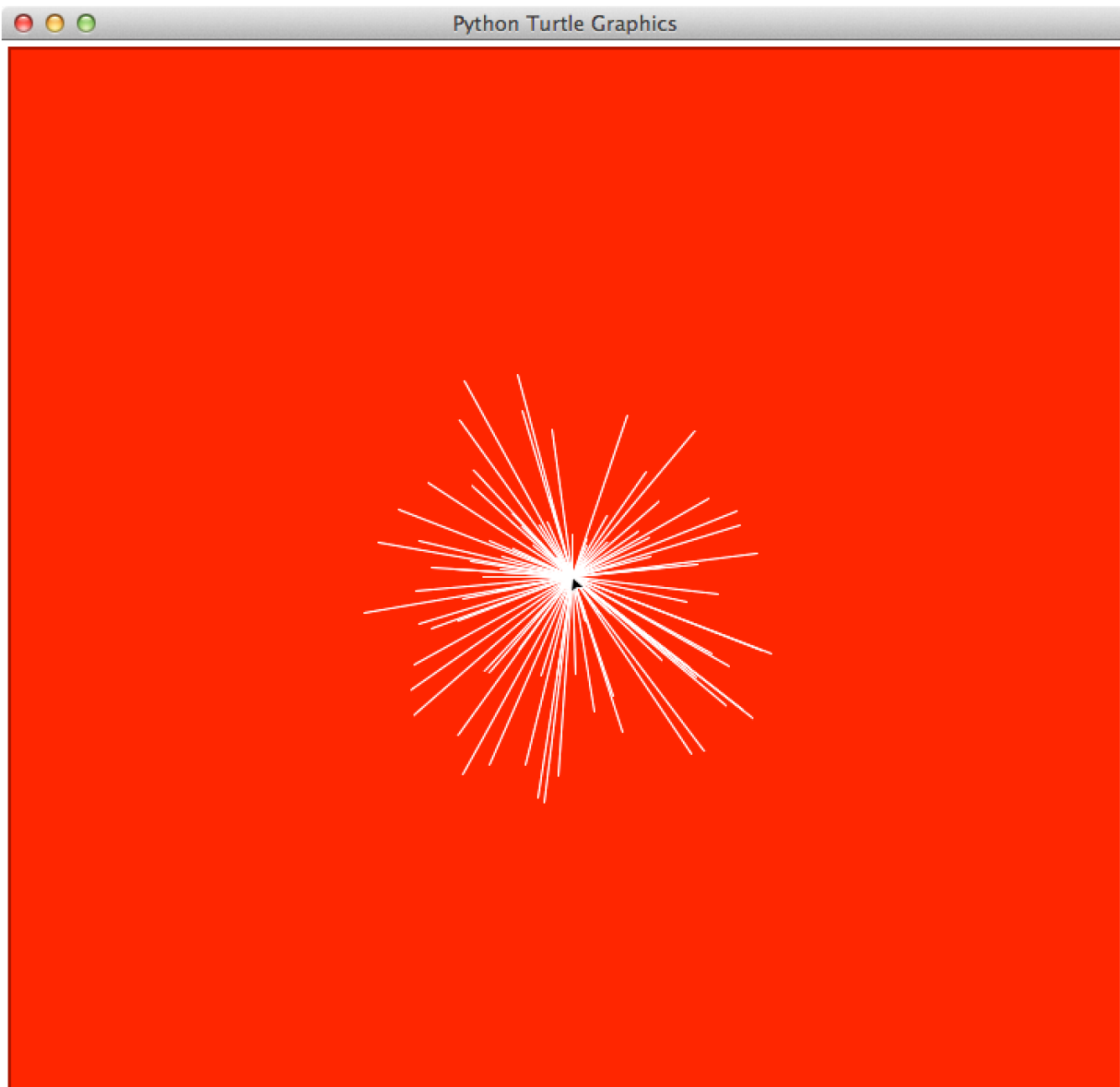
Instructions:

Using the `turtle` and `random` modules from Python, write a program (or script) to create an output screen as the one shown in the figure below.

To achieve this output you have to do the following:

- Change the color of the window to "red" using the `.bgcolor` property of the screen variable you create.
- Your turtle variable has to have a pen color "white", you have to use the `.pencolor` property of your turtle variable.
- You have to make your turtle to change its heading to the right with a random angle between 0 and 45 degrees.
- Move your turtle forward a random distance between 0 and 150 pixels.
- Then move the turtle backward the same distance than above
- Repeat the last three steps 100 times.

Name your file `<lastname>_lab2.py`, where `<lastname>` should be replaced by your last name. For example, `Mendoza_lab2.py` for me. Upload your file and a screenshot of your turtle blast screen (as in the figure below) into Blackboard



Deadline: The day before next class by midnight (11/2)