For week 7 lab, we continue exploring OpenAI Gym Cart Pole environment. This week, the lab is implementing policies for cart pole environment from the week 6 lab. The file implements 3 types of policies. At first, we implement a random policy, a policy using modulus function to move right and left. We can define a modulus function as a function that gives the absolute value of a number or variable. It produces the magnitude of the number of variables. It is also termed an absolute value function. The outcome of this function is always positive, no matter what input has been given to the function. The last implementation of the policy is dot product with random weight. I noticed in this policy that the average number of steps varies from 20 to 300 while in the other policies the average is always between 20 and 22. Also, the initial value is random each time I run the code. Also, it seems that the max number of steps in an episode does not matter when creating a random policy and a policy that alternately moves left and right using the modulus function. However, dot product with random weights policy the max number of steps affects the max number of steps, meaning that most of the time it reach the max number of steps.