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Assiament 4

First generate the initial population for the PSO

These by generate the practices and villosity

Then I calculate the fitness for each single practices

Then I pass the fitness to the update local best and if the new position is best rather than old one then I will update it otherwise I will keep the old

Then I will pass to the update the global best one and check if the local variables from the previous one is the best then I will update otherwise I will keep the previous

Then I will use the four function that will calculate new villosity and the new xi

And I will complete until the number of generations is end



