I've been assigned project of Fertilizers Recommendation System. First I have used spyder software for execution of project. I have trained the model both for vegetable and Fruit plant leaves by using convolution neural network.I have created fruit.h5 and vegetable.h5 model. Finally with the help of Flask folder, I have created app.py file to execute the program in web browser. After successfully running the project, the model will predict the fertilizer easily for the particular plant disease. In the second step I have used IBM cloud services for same process execution in Jupitor notebook. As the smartinternz trainer has given us the best practical knowledge which helps us to complete our project successfully. I have used anaconda software as well as IBM cloud to execute my project.