- Malaria is the deadliest disease in the earth and big hectic work for the health department. The traditional way of diagnosing malaria is by schematic examining blood smears of human beings for parasite-infected red blood cells under the microscope by lab or qualified technicians. This process is inefficient and the diagnosis depends on the experience and well knowledgeable person needed for the examination. Deep Learning algorithms have been applied to malaria blood smears for diagnosis before. However, practical performance has not been sufficient so far. This project proposes MobileNet model based on a convolutional neural network (CNN) which automatically classifies in thin blood smears on standard microscope slides.

- in this project we tried to Build The Malaria Disease Detection Using Machine Learning and Deep Learning From Nothing using python.

- malaria detection using deeplearning malaria detection using we have trained MobileNet model for 30 Epochs training accuracy is 89% testing accuracy is 87%
- validation accuracy is 85%
- with more epochs like 100 you can increase accuracy.