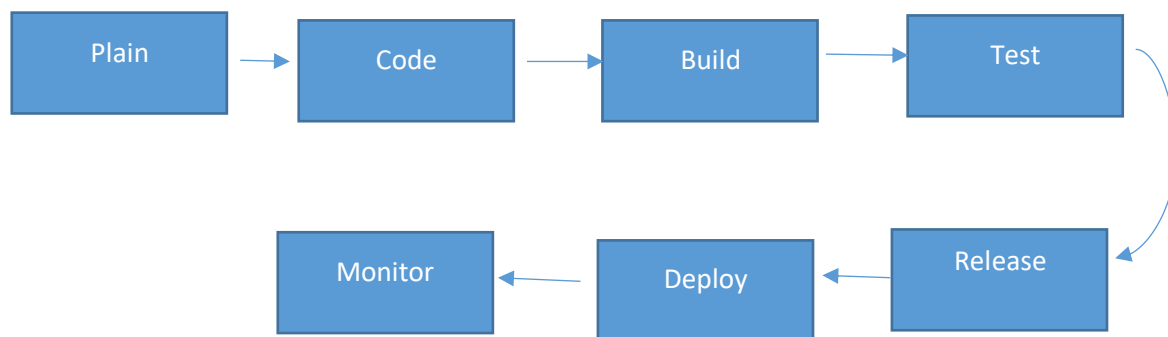# Introduction to DevOps

1. **Waterfall Model**:-The waterfall model is a sequential design process in which progress is seen   as flowing steadily downwards (like a waterfall) it has the following phase plan-code-build-test-deploy. The main disadvantage this model is if any bug committed while code in first day that will be test at in testing phase after 6 month or completing or coding phase. This model take more time to develop. To overcome this time Constraint we came with new model that is AGILE model.

2.**Agile model:-**This model is same as water fall model but here the development will done in unit and that will be test here the delivery of code/project is fast as compare to water fall model but to minimize the time consumption we came with new model that is **DevOps**

3.**DevOps(Development +Operation):-**This model is very fast as compare to agile model because in this model a single DevOps engineer is go with every phase of model there are basically seven phase which are describe in below picture.

Development:-Plain-Code-Build-Test

Operation:-Release-Deploy-Monitor