1. 1 Analysis of Algorithm

- [Need for asymptotic analysis](#)
- Every programmer can write different program on different machine which has differenet capacity
- There could be some machines which are faster than the other
- The performance of an algorithms is also dependant on which programming language you are using.
  -for example C++ is faster than Java and python
- it also can happen that for certain i/p it runs better than other i/p
- **to avoid this we use asymptotic analysis**

  #asymptoticanalysis