A train movement approach proposed in this paper which is based on calculated "times of train spent on railway until access to next station" by applying several strategies to solve problem for a railway such as (priority, parallel) strategy. Also the aim is to reduce waiting time for trains during transition from station to next stations. In this paper depended a best algorithm called discrete probability distributed to simulate operations for train through moving on railway, such as access time, waiting time, leave time, etc. also concluded double directions is best than single direction because its prevent conflict with other trains and not required waiting time.

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**Index Terms**

- Computer Science
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**Keywords**

- Train
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