The difference of performance in such algorithms:

The Fist come first served algorithm is the worst among them because it depends on the sequence of the arriving disk-access requests which is unknown of course to the algorithm, in brief sequence of requests :

1. Increasing or decreasing : better performance
2. Randomized : bad performance

The Shortest seek time algorithm can be considered to be the best in the case of the randomization of the requests because it picks the shortest ( closer ) seeking time in each disk-access