After running the code, here are our results:

Trees: 1

Scores: [56.09756097560976, 63.41463414634146, 60.97560975609756, 58.536585365853654, 73.17073170731707]

Mean Accuracy: 62.439%

Trees: 5

Scores: [70.73170731707317, 58.536585365853654, 85.36585365853658, 75.60975609756098, 63.41463414634146]

Mean Accuracy: 70.732%

Trees: 10

Scores: [82.92682926829268, 75.60975609756098, 97.5609756097561, 80.48780487804879, 68.29268292682927]

Mean Accuracy: 80.976%

So we can see that from Random Forest algorithm, for tree 1 we generate a 62% accuracy; for Trees 5 we generate a 71% accuracy; for Trees 10 we generate a 81% accuracy. Hence, the higher the number of trees, the higher the accuracy gets. This is the whole point of Random Forest: to create more accurate predictions by the use of more trees.