We calculated the time needed for the Jacobi rotation algorithm to solve eigenvalues for a matrix of dimensionality 200 X 200 using specified statements in c++ and found it to be equal to 17 sec. We then calculated the time elapsed for solving eigenvalue using armadillo function for the same matrix and got the value as 0 sec. When we compare these two its clear that Jacobi iterations consumes more time than armadillo function and as we increases the size of the matrix the elapsed time to get the solution also increases. This makes Jacobi rotation algorithm less efficient.