Directed Acyclic Word Graph (DAWG) is a space efficient data structure used for storing suffixes of strings. Compact Directed AcyclicWord Graph (CDAWG) is a more space efficient variant of DAWG. Their main use is in searching short patterns in a huge amount of data. This work is aimed at an implementation of few construction algorithms of these data structures. It compaires characteristics of Blumer et. al algorithm for DAWG construction [1], Crochemore algorithm for CDAWG construction [2] and Inenaga algorithm for CDAWG construction [3].