The Answer Set Programming

Answer Set Programming is a form of declarative programming which is based on stable model semantics of logic programming which includes ideas of both auto epistemic logic and default logic. System Lparse is created for frontend functioning of answer set solver Smodels, which uses traditional prolog styles. Prolog styles has unique stable model and this model consist of all queries to which it say ‘YES’. Let us consider Clique in the graph, the atoms will represent vertices in clique. If no stable mode exist then graph indicates that no clique of required size are present .In program C the first step (generate) is to find potential solutions and further steps (test) will eliminate bad solution .If we consider atoms for representing incomplete solution, then atoms which are present are said to be true and which are not are said to be false. This idea can be differentiate using negation which leads to two type of negation weaker rule strong negation and negation as failure. Frame problem which are closure to real time problems uses laws of inertia. As ASP has wide scope in real time this is presently using in Automated product configuration, Decision support for space shuttle, Inferring phylogenetic trees.