**Research Review**

read up on important historical developments in the field of AI planning and search. Write a one-page report on **three** of these developments, highlighting the relationships between the developments and their impact on the field of AI as a whole.

Appropriate sources (such as books or magazine or journal articles) should be cited, and you should use citations in-line for sourced facts, quotations, and inferences.

* STRIPS (Fikes and Nilsson, 1971), the first major planning system, illustrates the interaction of these influ- ences.
* The Action Description Language, or ADL (Pednault, 1986), relaxed some of the STRIPS restrictions and made it possible to encode more realistic problems.
* The Problem Domain Description Language, or PDDL (Ghallab *et al.*, 1998), was introduced as a computer-parsable, standardized syntax for representing planning problems and has been used as the standard language for the Interna- tional Planning Competition since 1998.