

Topic "Making The Machine Mind."

Assessment Conditions

Length: 1000 words (minimum) **Method:** Must be word-processed.

Preparation: Students to complete in class and in their own time.

Teacher will assist with rough draft only.

No assistance with rough drafts after Wednesday, 28th July 2006.

Draft Due: 27th July 2006

Final Due Date: 4th August 2006

Submission: Electronic submission to BlackBoard of both draft and final.

Statement of Authorship

I confirm that that all the ideas, content and wording of this report are my own unless where otherwise clearly stated.

Student's Name: _____

Student's Signature: _____

Task

In the film of the book, *I, Robot*, producer, Will Smith, director, Alex Proyas, and author, Isaac Asimov, examine the nature of Man's possible future relationship with artificially intelligent computers. Some writers on the subject agree that it is only a matter of time before "strong AI" is achieved. Others believe that strong AI is a long way off, but "weak AI" is a useful idea that results in practical real world outcomes. You are to write a report titled "**AI: Fact or Fiction?**"

Content

- In your report you should give at least 2 useful definitions for each of "strong AI" and "weak AI".
- The report should inform the reader about what writers on the Internet have to say about whether "strong AI" is possible in the near future.
- The report should provide some examples of how "weak AI" is used in real-world applications.
- Your report should go on to discuss how AI is used in computer games, referring to at least 2 games that you have reviewed.
- You should conclude your report by providing some personal opinions about the usefulness of strong and weak AI.

The report should give full credit to all writers in every instance that their ideas are used, **even when these ideas are paraphrased**. This should be done by using a formally accepted referencing system, preferably the Harvard system of in-text referencing, with an appropriate bibliography that lists every source consulted, **not just the ones that are directly cited in your report**. There will be significant marking penalties if this is not done correctly.

The report should flow in a logical **sequence** of statements, each building on the reader's knowledge and continuing to hold their interest. The writing style should obey the spelling, punctuation and grammatical **syntax** rules of formal writing, but should not become so serious or technical as to bore the average reader.

Essential Requirements

Title page, table of contents, header/footer, section headings, glossary, bibliography.

Note: Intentional plagiarism is cheating and will be treated as such under the school rules. The assignment will not be given a grade and the student will be required to submit an alternative assignment in order to get credit for the course. Accidental plagiarism in minor sections of the report will result in those sections not being counted or marked in assessing the overall report.

Student's Name: _____

	A	B	C	D	E
K - Syntax - Functionally correct use of language syntax, including spelling, punctuation, and grammar with appropriate sentence and paragraph structure.	Uses language very effectively with very few errors in spelling, punctuation or grammar.	Uses language effectively with only minor errors in spelling, punctuation or grammar.	Satisfactory use of language, but with a number of errors in spelling, punctuation or grammar.	Limited language ability with many errors in spelling, punctuation or grammar.	Little or no effort made to use language effectively.
K - Vocabulary - Demonstrated understanding of relevant vocabulary, including using terminology appropriate to the intended purpose, and an appropriate glossary of terms	Uses an extensive vocabulary and almost always in the correct context. An extensive and complete glossary.	Uses appropriate vocabulary well, usually in the appropriate context. A mostly complete and appropriate glossary of terms.	Uses a reasonable range of appropriate terms, but not always in the appropriate context. Some success in completing a glossary of terms.	Limited grasp of the appropriate vocabulary with many contextual errors. Glossary ineffective or missing.	Uses very little appropriate vocabulary and explains terminology ineffectively.
K - Presentation - Effective presentation of the report in an accepted report format including correct referencing and complete and correctly formatted bibliography.	Very good presentation with all elements of standard report present.	Good presentation, a minor element of report may be missing.	Presentation is of a satisfactory standard and/or some elements missing.	Presentation is of a reasonable standard, with some essential elements of report missing.	Poor presentation with many essential report elements missing.
K - Referencing – Referencing of source materials.	Clear and concise reference to the source/s of all non-original content.	Mostly clear and complete reference to the source/s of non-original content.	Some reference to the source/s of non-original content.	Very limited reference to the source/s of non-original content.	No reference to the source/s of non-original content.
R&D - Analysis - Analysis of research materials, including identifying the key issues and arguments and effectively distinguishing facts from opinion.	A very effective analysis identifying all key issues in the source material.	A mostly effective analysis identifying most of the key ideas and issues in the source material.	Satisfactory analysis, identifying some key ideas and issues in the source material.	Limited analysis, identifying few key ideas and issues in the source material.	
R&D - Synthesis - Synthesis of the report, including organizing ideas into appropriate sequence and structure so that communication is fluent and logical.	Ideas organized into very appropriate sequence and structure in a most fluent and very logical manner.	Ideas organized into a mostly appropriate sequence and structure in a fluent and mostly logical manner.	Ideas organized into reasonably appropriate sequence and structure with some fluency.	Poor sequencing and structuring of ideas disrupts the fluency and logical communication.	
R&D - Evaluation – Evaluation of the key issues and ability to make sound comment/and or recommendations based on this evaluation.	Very effective evaluation of the source material with a very good explanation of opinions.	Evaluates the source material using reasonably effective explanation of opinions.	A reasonable attempt to evaluate the source material, but without sound explanation.	A poor attempt to evaluate the source material.	
R&D – Communication – Ability to communicate to the reader in a cogent and cohesive manner, sticking to the topic and providing an interesting and informative article.	Very effective communication that provides a very interesting and very informative article.	Effective communication that provides an interesting and informative article.	Sometimes effective report that is interesting and/or informative at times.	A report that provides little interest and/or information.	

Overall: **K** _____ **R&D** _____

Comments: _____