**INTRODUCTION TO ARTIFICIAL INTELLIGENCE COM526**

Note: You will need to combine **Week 1 to Week 5** activities in a portfolio to be submitted as one document for your AE1 assessment. Please insert the number of words for each section.

**WEEK 1 ACTIVITIES**

The answers to the following tasks must be included in the portfolio.

1. Define in your own words the following terms in relation to AI and intelligent agents:
2. Turing test:
3. Rational act:
4. Agent:
5. Agent function
6. Environment
7. Percept
8. Action

Please include references and examples in each. Feel free to be creative and support your answers by adding diagrams, smart charts etc, where appropriate.

1. General AI vs Narrow AI

Some computer algorithms are capable of mimicking human intelligence, to reason and solve problems on their own, and to apply previously acquired knowledge on completely new types of problems.

Which category or domain do these algorithms fall into? **Choose A or B below and explain your choice in a paragraph.**

1. Artificial Narrow Intelligence (Narrow AI)
2. Artificial General Intelligence (General AI)