

**Tutorial 1**

1. Who is the father of AI? Describe the reason why he was recognized so.
2. Identify one key event or major achievement of AI development in the year of
  - 1960-1969
  - 1970-1979
  - 1980-1989
  - 1990-1999
  - 2000-2009
  - 2010-2019
3. Name an artificial intelligence application that is created by a Malaysian company. Briefly describe its AI functions.
4. Differentiate between the following:
  - Systems that think like humans.
  - Systems that act like humans.
  - Systems that think rationally.
  - Systems that act rationally.

Provide an example for each type of system.

5. An agent is created for an intelligent air-conditioning system to automatically release the amount of chilled gas based on the surrounding temperature.
  - Define agent.
  - Design a simple architecture of the following agents. You must clearly illustrate how the agent should react to the necessary input and produce output based on the problem above.
    - i. Agent of an automated class scheduling system.
    - ii. Agent of an intelligent air-conditioning system.
    - iii. Agent of autonomous driving car.