

TUTORIAL 2

1. What is the PEAS (performance measure, environment, actuators, sensors) in designing:
 - a. *Part-picking robot*
 - b. *Interactive English tutor*
2. What is the difference between a performance measure and a utility function?
3. While driving, which is the best policy?
 - a. *Always put your directional blinker on before turning,*
 - b. *Never use your blinker,*
 - c. *Look in your mirrors and use your blinker only if you observe a car that can observe you?*

What kind of reasoning did you need to do to arrive at this policy (logical, goal-based, or utility-based)? What kind of agent design is necessary to carry out the policy (reflex, goal-based, or utility-based)?
4. Imagine you are an AI expert. What kind of application would you like to develop in order to accommodate the society?
 - a. *The application must be your own idea and still not available on the market.*
 - b. *Elaborate why you think the application is important in our life.*