CS395T
Reinforcement Learning: Theory and Practice
Fall 2004

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Week5a: Tuesday, September 28th
Good Afternoon Colleagues

- Are there any questions?
Logistics

- Start thinking about final projects
Logistics

- Start thinking about final projects
  - Think of a **domain**
  - Proposals week 8?
Monte Carlo on week 0 task

• Equiprobable random policy
Monte Carlo on week 0 task

• Equiprobable random policy

• State values
Monte Carlo on week 0 task

- Equiprobable random policy
- State values
- Action values
Monte Carlo on week 0 task

- Equiprobable random policy
- State values
- Action values
  - Why action values preferable?
Monte Carlo on week 0 task

- Equiprobable random policy
- State values
- Action values
  - Why action values preferable?
- Relationship to n-armed bandit?
Monte Carlo on week 0 task

• Equiprobable random policy

• State values

• Action values
  – Why action values preferable?

• Relationship to n-armed bandit?

• (book slides)
Student-led discussion

• Lily on first-visit vs. every-visit