Goals:
- Prove tight(ish) relationship between $\text{SPACE}$ and $\text{NSPACE}$
- Think about LOG-space classes

Announcements:
- Reflection 3
- Quiz 5, Paper 1 tomorrow
- Tapia Panel: Monday on Zoom @ 7pm.
- How to replace $u_1$ with $u_1^i$?

Consider:

1. What is space use?
2. What is $\text{Recursion-OBST}$ doing?

Then $\text{Recursion-OBST}(M, i, C_1, C_2)$ decides $L$ in $O(s^2)$ space, so $L \in \text{SPACE}(s^2)$.