

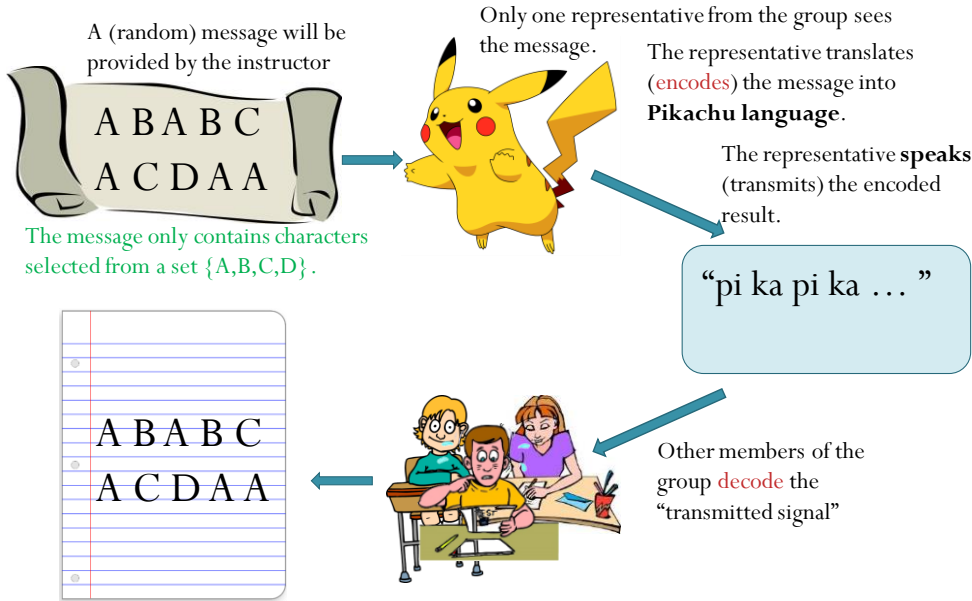
ECS 452: Assignment # 1

Instructions

Separate into groups of no more than four members.

Name	ID (last 3 digits)		

1. Devise a scheme to turn sequence of characters into Pikachu language. Write your scheme in the table below.



Character	Pikachu Language
A	
B	
C	
D	

2. Choose one member to be Pikachu: _____

Choose one member to be the camera operator: _____

3. Get the message from the instructor.

- Only Pikachu can see/read the message.
- If needed, Pikachu may practice what he/she will have to speak but don't let other members of the groups see/hear the encoded message.

4. Record a **video** of your group performing the tasks below.

(One-shot video. No editing or post-processing. Make sure that all members (except the camera operator) are in the video at all time.)

- Each of the group members introduces himself/herself.
- Explain the scheme.
- Pikachu speaks the message in Pikachu language. (One bonus point for trying to really sound like Pikachu.)
The remaining group members try to decode the message. Put the decoded message in the table below:

(d) Check the decoded message above with the message that Pikachu has.

(e) Calculate the percentage error: _____

5. Post the video into our ECS452 Line Group, followed by the names and IDs of the group members.

Post your video before 11:59PM on Thursday, January 16th.

Submit this sheet in the HW box before 10:40AM on Friday, January 17th.