

## Choose the HCI paradigm!

Here are the options:

- A. Engineering Paradigm
- B. Human Information Processing Paradigm
- C. Design-thinking Paradigm

For each item below, decide on relevant paradigm(s) for resolving the issue. Explain and qualify as appropriate. Explanation might involve how each paradigm might differently address the question.

1. Show car speed on dashboard in digital format as opposed to an analog dial.
2. Listing helpful train arrival times at Chicago El stop (CTA).
3. Pizza slicing: pie cut vs. square cut.
4. Assigning relevant keyboard short-cuts for a music composition application (e.g. which key sequence should invoke a key change).
5. Color scheme for a restaurant web site.
6. Dropdown menu vs. list of links for main navigation at a restaurant web site.
7. JavaScript design: allow the string "5" to equal the number 5 (e.g. "5" == 5 evaluates to true)
8. Use trashcan metaphor to delete files
9. How to indicate to user that the text editor is in insert mode instead of replace mode.

## Creating additional issues for discussion

Think of a design that works very well for you. Indicate a design decision that contributes to its design.

Think of a design that doesn't work for you. Indicate a design decision that contributes to its difficulty.