

# CZ2004 HCI Tutorial 1

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Q1. Review of basic concepts about human computer interactions.

1. HCI is an interdisciplinary *discipline*, list different categories of subjects/people that may contribute to HCI. Explain how a technical writer is helpful.
2. User interfaces (UIs) can affect both the individual user lives and the entire community. List a few example UIs on how UIs affect our daily lives.

Q2. Study on usability requirements.

1. List the four goals of user requirements.
2. Office suites are one of the most important set of software. Microsoft has the Office® product. The open source community has also developed the OpenOffice/LibreOffice software. Make a comparison of these two software suites, by measuring how they fulfill the usability requirements.

(Note: If you are not familiar or not even encountered with OpenOffice or LibreOffice before, you may find useful from <http://www.libreoffice.org/>. By reading the web pages there or even a trial usage of LibreOffice, you will have a feeling on this software in few minutes – And this is useful software.)

Q3. Study on usability measures.

1. List the five human factors central to usability evaluation.
2. Using the MS Office Word as an example, explain how the five factors apply to the evaluation of this software.

Q4. Study on usability motivations.

1. List the application types in Schneiderman's taxonomy.
2. Visit [http://en.wikipedia.org/wiki/Electronic\\_voting](http://en.wikipedia.org/wiki/Electronic_voting). This page is an introduction to electronic voting, a typical social-technical system. Please have a reading on this page. The tutor will ask some volunteer(s) to evaluate the usability motivations of this system, based on the information you get from this page (or any other relevant readings on your own).

Q5. Study on universal usability.

1. List the factors from users that contribute to the difficulty in achieving universal usability.
2. List a few other properties that are important for universal usability.