

HMI Assignment 3

Q. Discuss question/Answer and query dialog with suitable example and mention specific uses.

→ In a question-and-answer interface, the computer displays a question to the user on the display. To interact, the user enters an answer (via a keyboard stroke or a mouse click), and the computer then acts on that input information in a programmed manner, typically by moving to the next question.

A type of question-and-answer interface called a dialog box is often used in applications. In this, a box appears which usually asks the user for confirmation of an action. This is usually shown on top of the current application.

Wizards used to install ~~the~~ software are a common example of a question-and-answer interface. The user responds to questions about the installation process, such as where to ~~be~~ install the software or features. The wizard can also ask questions and respond to the user's answers with more questions designed to narrow the scope of the problem. This is a typical way of setting up a technical support interface in order to winnow down problems and do more accurate troubleshooting.

This compact set of high-level objectives is a useful starting point, but each project needs to expand these into application-specific and hardware-dependent standards and practices. For example, these generic guidelines, which emerged from a report on design of control rooms for electric power utilities, remain valid:

1. Be consistent in labelling and graphic conventions.
2. Standardize abbreviations.
3. Use consistent formatting in all displays.