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| Abstract |  |
| Cognitive Load Theory (CLT) and Human-Computer Interaction (HCI) concepts need to be combined to understand better how students learn in more complex environments. For this reason, this paper combines Cognitive Load Theory (CLT) and Human-Computer Interaction (HCI). The primary purpose of this paper was to reduce the student’s cognitive load through a lecture note. With the help of HCI design-centered principles on a lecture note, we have implemented the lecture note to lessen students’ cognitive load. The lecture note could be an example of how HCI can be designed in a lecture note. This paper has discussed the research questions with several learning theories that measured students’ cognitive load. Based on learning theories and HCI design principles, we have developed two lecture notes; the first is HCI design-based, and the second is in the absence of HCI design principles. The reason for | |