

Assignment 1

CSCI 332

W03

4th February 2003

Please type concise but detailed answers to the following questions. Cite sources.

1. Zuse

- (a) In what aspects of hardware, software, and systems design, was conrad Zuse's work pioneering?
- (b) How much time passed before each of the pioneering features reappeared, and where?
- (c) What factors served to prevent Zuse's ideas and work from having any profound influence on subsequent computer related projects?

2. Xerox Alto

- (a) What hardware, software, and system design aspects of the Xerox Alto were pioneering?
- (b) How much time passed before each reappeared, and where?
- (c) What factors served to prevent the Alto from having commercial success and an immediate effect on the direction of computing?

3. Other pioneers:

- (a) What were:
 - i. Memex
 - ii. Dynabook
 - iii. Project Xanadu
- (b) How do they relate to how we use computers today?