2) Describe the technique called code-morphing.(section 8.1)

Code morphing can be used to translate complex variable-width instruction words to simpler fixed-width internal equivalents for faster execution. This technique allows the retention fo legacy architectures while permitting the use of modern processing methods. Modern x86 implementations use this approach.

Reference:

1. The - Irv Englander *The Architecture of Computer Hardware and System Software A , 5th Edition,* Page 237.