Page 1 )009 Loops Manning Section 4.5 indexes Zo full i:0 Io indexes 5 2 103 I SIO Z Zo boreak Zo full i: 0 To E indexerrenebni 3 ot . O . i 2) < mage (Io, Zo) { } is I I, & indexessori & I ii 5 { I,} SI II CZI break becak Ilut as Zo full is 0 Io & indexes { Io, I, } Io < Zo el becake Zo full i. o Io E indexes EZILE meage (Io, Zo) mobin & Ii) i: 1 - II & indexes remobri + II 1 1 Z2 = merge (I1, 21) i. 2 Ize indexes

Page 2) Example continued after Pg1 mimmon Indexes Zo full 4 123 J 5 i: 0 To & indexes rexelore for ois Io CZO { Zo, I2} bereak. Zo full i.o, To € indexes oxabor 3 of osi 2, < merge (Io, Zo) = {I2} i: 1 To & indexes on D. I I'm 15 - { I, I2} -II + ZI beceak Zo full a & irrobexes i: 0 To E indexes Jo 6 20 { Io, I,, I2} bereak is I o induces 20 full i: O To Einderer merge (Io, Zo) [1, I2] is 1 2, & indexes 22 to marge (II) ZI) {Iz} i: 2 To e indexer (1) seem = 23 to merge (12, Z2) i 3 7 73 & indexes 2133 Iz = Z3; break