Jordan Diaz Question 7 m = 10,000 available frames S1 = 1000 pages 52 = 2000 pages 53 = 7000 pages 54 = 10,000 Pages 55 = 20,000 poges a) equal shore algorithm: 10,000 /5 = 2,000 frame) b) Proportional allocation algorithm: S= 1000 + 2000 + 7000 + 10000 + 20,000 5= 22,000 al = (1000/22,000) ×100 = 4.5 frumes a2 = (2000/22,000) × 100 = 9.1 francs a3 = (7000(22,000) × 100 = 31.8 frumes a4 = (10,000/22,000) ×100 = 45.5 frume) as = (20,000/22,000) × 100 = 90.9 frame) c) total PMT entries in main memory assuming each page has a size of 2kB Ps=2KB PMTentries = 79 MB = 39,500 entries SI= IMB 52 =4MB 33= 14MB 54=20MB 55=40 MB total = 79MB d) total memory size in bytes assuming each entry is 4 bytes, SPMT= 4 x 39,500 = 158kb total SIZL = 5 x 158 Kb = 790 Kb