Q.2. Solution. The given inverted index. is -(755, 15), (1065, 31), (1280, 32), (2100, 12) Now, let's derive the d-gap as follows -755 15 310 31 215 32 820 12 Now let's use the varInt method to generale the compressed almany representation as-[0000010] [1110011] [1000111] [0000010] [10110110] [10011111 [0000001] [100000] [0000010] [100000] [10001100] 50, from above impressed representation at invested inflices, the only requires 12 by tes, whereas the original degap would take 24 by tes ((4+2) *4 = 6*4 = 24 bytes].