Expt 9 1. Title write & exercite an assembly language program arrange numbers in according & descending order in an array of 8 bit n numbers 2 Aactical Related Questions a) Define Register addressing mode with an example > In register addressing mode, the data is stored in a register & is reterred using the particular register. Example: MOV AX BY MOV AL BL b) Identify the addressing modes used in the following instructions: 1) MOV B DS, AY -> Register addressing mode 2) NOV AX, [4172H] -> Direct add vessing mode. 3) ADD AX, ESI ] - Indexed addressing mode [HPA] [X 8] [ISI, XA COA [P -> Relative based Indered addressing mode

d'und are equivalent instructions to se -> Equivalent instructions: ISAZ: JE (Jomp 14 Zero) JNZ: JNE (Jump if not zero) 4 Conclusion from the above experiment we were able write & execute on accembly language proper awange numbers in ascending & descending in an array of 8 bit n numbers. to refer to be reterral tellioles solving 18, 16 VOM al hour show prisoned out The