Assignment Microproccessos and Compiles Architecture Page\_ Dame: Nagaven 16 SRN: PESZUGALCSIS Sec : HF programs: Write a program in ARMITDMI-ISA to search for an element in an array Display appropriate mereage on the std. of device. For successful seasch display as "Successful seasch" and if seasch is unsuccessful, display as "Unsurrouful seasch" Use binary ceasch technique ARM avenCode: assay: , word 5,8,12,17,23,29,36,42,55,78 scarchele: word 23 allay eize 1, word LO Surces c. ariz "cuciceful seasch" failige: , agriz " unencecyful geogch" · text nov R4, #0 ldr ro, = array ddy 77, = seaschele lde 21, [87] ldr 88, = array size ldr 12, [88] sub 3, 72, #1 binary search; ldr 76, [10] (mp 16, 8) beg succesful search add 80, 80, #4 comp 73, 74 beg uneuceesful search add 34,84,#1 tol binary-seasch

classmate



