## RV 32I (1 of 1) KINZA QAMAR ZAMAN (18B 58 CE) 00000004 ---| |x2 x32 x32 NEXT PC VALUE x32 CONTROL UNIT REG WRITE x3 ALU OP 1MB ROM Rs1 REG WRITE x32 ALU OP BRANCH FUNCT 7 OVERFLOW FUNCT 3 REG FILE ALU FUNCT 7 (25TH BIT) WRITE DATA ALU CONTROL x32 FUNCT 7 (25TH BIT) FUNCT 3 FUNCT 7 Rs2 卣 RUCTION S TYPE SB TYPE ITYPE IMMEDIATE GENERATION INSTRUCTION CLEAR x1 x32 ALU OUTPUT x32 IMMEDIATE x32 WRITE DATA