

TE | compl u | 22016 microprocessor Camlin Page 2 Shivom Balaji Rendre 5057 9.3 1) when processor is ready to intrate the bus cycle, it applies a pulse to ALF during TI, Before falling edge of ALE 7419373 or 8282 laterry the advery 3) puring to the advess signal ave disable in case of input apportion, RD is activated desping 12 and Apo to Appe if memory or 110 interface can perform the transfer immediately there are no wait states and data is output on bus during 13 6) After the data is accepted by the processor, anis ruised high at the beginning of Tq rg, wris suised high and data signals are disabled

TEI complul R2016 miczopocessoo 7/1/2021 Camlin Page 63 Shirem Balayi Kendge 5057 9.3 · model gmall B) . 3 taula 100 H · data String alb 'abba', '9' String olb 'string is palindroma, '31 String 2 alb 'string is not palindomia, 131 · codp main proc for MOU AY, @DATA Mou DS, AX CALL Palindsome mov AH, 4CH INT 21H Palindsom proc mov 31, offset story 10001 -. mou Ar, [SI] cmp AL, 18' JE Label 1 INC 31 JIMP LOOPI label 1 °. mov pi, offset storing 0002. CMP 31, DI JL output 1 mou Ax, ESI]

7 E (comp/ V/ R 2016 microprocessor Camlin Page 34 Stilem Balayi Kendse 5057 9.3 mov ox, coil CMP AL, BL JME output? DEC SI INCPI JMP Loop2 output! MOU AH, USH INIT 21H RET Output 2: LEA DX, 3tring2 mov AH, 09H INT 21H RET Palindrome ENDP END main