Microcontroller AT 89C 5/ BDZ AT FOR Atmos Date VISLO * Keil 4 Vision 3 (Exp1, 2, 3, 4) Project -> New project -> Memory -> Philips -Save (- Write code - New (- File (- Yes (- P89 V 51 RDZ (-) Sub/Add c -> Source Grap 1 -> Select the file Write Debug - Ruild - close - Add -L> Start Debug -> OK -> Peripherals -Whatever it is in the code select that pord (I/O Ports (Exp-2 1 Target 1 (right click) -> Options for Target | -> 0/PT Build (- Save (- OK (- Tick on create HEX file (-> Nuvoton > COMI > W78E052D ISP by com port > com 1, w>8 E0520 > Load File * MP/ab (Exp 5,6) 1) file -> New -> Write code -> Save as -> Create new folder -> save the file (.c) in created folder 2) click on peroject -> Peroject wizard -> Next -> Select PIC8F4550 -> Check Warary -> Next -> Create new file in previous folder -> Add old file -> Finish 3) Project -> Built options -> Peroject Include search path -> h Library search path > lib Linker script search path > LKR > OK 4) Project -> Make Hardware join 5) Debugger -> Select -> None Debugger -> Select -> Pickit 2 Programmer -> Pickit 2 Run the program

* Proteus software (Exp-7, 8,9) 1) Open proteus 2) Click on new project 3) Frive name to the project -> Name 4) Click on Greate a schematic from the solocited template -> Design Template (Debautt) -> Next 5) Click on Do not create a PCB layout -> Next 6) Click on NO firmulare project -> Next -> Finish 7) Select the components from P as required and solect GND and Power from TERMINAL MODE (8th position left side) 8) Create hex using Keil software and burn in microcontroller -> Double click on microcontroller and select her file which is created. Exp-7 LCD Interfacing with 8051 Components: AT89C5/RDZ Microcontroller, LCD (LMOK) Crystal Oscillator, Capacitor (30pF-2, 10pF-1), Resistor (8.2K-1, lok-11) Push Button (SPST) Exp-8 7 Segment Display Components: AT89C51RD2 Mirrorontroller, 7 segment Display (7seg-MPXI-CC), Trystal Oscillator, Capacitor (30 pf-z, 10 µF-1), Resistor (10 K-1, 100 ohm-8), Push Button (SPST) Exp-9 DC Motor Components: AT89 C51RDZ Microcontroller, L293D (Motor Driver), DC Motor (Simple DC Motor Model), Constal Oscillator, Capacitor (30pf-2, 10pf-1), Resistor (lok-1), Push Button (SPST), Resistor (NTSAOXP502, NTC)