Assignment-01 (Data transfer Operation)

1. Place the number 3Bh in internal RAM locations 30h to 32h.
2. Copy the byte at internal RAM address 27h to external RAM address 27h.
3. Set timer 1 to A23Dh.
4. Copy the data in external RAM location 0123h to TL0 and the data in external RAM location 0234h to TH0.
5. Exchange the contents of the B register and external RAM address 02CFh.
6. Copy the internal code byte at address 0300h to external RAM address 0300h.
7. Exchange both low nibbles of registers R0 and R1 : put the low nibble of R0 in R1, and the low nibble of R1 in R0.
8. PUSH the contents of the B register to TMOD.