5: Wap to store the value 54h into r1, and then convert the value into 50h with the help of accumulator.

6: Wap to put values 45h, 34h & 89h into the stack. And after extract these values, store it into the registers of register bank 2.

10: Wap to put the value 56h, 67h, 34h, 58h into the stack, and after extracting it, store these values into ascending order starting location from 78h onwards.

7: Move the content of 7th bit of the A register to pin p0.7. And also save it in ram location 08h.

5: Wap to store the value starting from 45h to 49h into any locations. Then these values stored on register bank 2.

1: WAP to see if the RAM location 37h contains an even value. If so, send it to p2. IF not, make it even and then send it to p2.

6: Two numbers are stored in registers R0 and R1. If their sum is greater than FFh, then blink the led connected at p2.6.

9: The result of a signed arithmetic operation is stored in RAM location27h. verify if the stored result is positive or negative. If it is negative, send a high value to p1.0, otherwise send a low value.

2: Wap to find that how many 1’s digit in the number 56h.

7: Wap to subtract the values 45h & 23h using 2’s compliment.

9: Wap to write “WE ARE THE ONE” on the ram location starting from 53h onwards burning from ROM location.