**QUESTION # 1 [PLO2,C2]:** **[3+3]**

1. **Compare** the syntax for SAL and SHL instructions.
2. **Compare** the conditional and unconditional jumps

**QUESTION # 2 [PLO3,P3]: Achieve** the following task: **[3+3+3]**

1. Write a program that divides 30 by 5 and prints quotient and remainder
2. Write a Program in that compares two numbers and prints ‘Y’ if equal and ‘N’ if not equal.
3. Store two 16-bit binary values in AX and BX register and show that AND can be used to empty registers.