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

1. **Show** the syntax for SAL and ROR instructions.
2. **Compare** the directives org 100h and .stack

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

1. Write a program to subtract two numbers using unconditional jump.
2. Write a Program in Assembly Language to display “Pakistan” in reverse order**.**
3. Store two 16-bit binary values in AX and BX register and perform XOR operation to show that XOR may be used to compare these two values.