General instructions:

1. Write the Assembly Language Program (ALP) for the following questions. Compile and execute those programs and display the outputs.

2. Attach the screen shots of your programs with compilation, execution and outputs details.

3. Submit all the answers as a single PDF file named with your roll number.

Q1) Choose five numbers between 100 and 999. Write ALP by using conditional instructions for finding the largest of these five numbers and display the result as the output.

Q2) Choose a random number $20 \leq R \leq 100$, write ALP by using loops for printing the numbers (i.e. from 1 to R) and display the result as the output.

Q3) Write ALP for finding a factorial of number between 5 and 30 and display the result as the output.

Q4) Choose a positive value $5 \leq P \leq 20$, write ALP by defining a P-element array containing P random values and do the sum of these values in the array and display the result as the output.