ACADEMY OF TECHNOLOGY

Lab Assignment – 3

Subject: Java Training Lab   **Discipline: 3rd Semester B. Tech (All)**

DAY-3 *(BTL: Understanding)*

Laboratory Outcomes:
1) **Understanding Java loop.**
2) **Learning about recursion in Java.**
3) **Understanding the concept of Object.**

Assignments:

1. Write a Java program that accepts an integer (n) and computes the value of n+nn+…..+nnn... up to n   times.
   (For example, if 3 is your input then, print the value of 3+33+333).
2. Write a Java Program to display the sequence ABA, BCB, CDC, DED,……..
3. Write a Java Program to display the sequence AMM, COO, EQQ ,……….
4. Write a Java Program to display the sequence A1, B2, C3, .…Y25,Z26, A1, B2,...
5. Write a Java Program to convert a binary number to octal number.
6. Write a JAVA Program to create a Student class with proper attributes like roll no, name, stream, and college. Create two instances of that class from main (declared in different classes) and print them.

Instruction for each program:
1. Must be done with the concept of class and object.
2. Input must be taken from the user.