

## **Java Programming - SPOT Question – N Batch – 17-10-2024**

- 1) Write a Java program that reads a text file named `input.txt` and counts the number of lines, words, and characters in the file. The program should then display these counts.
  
- 2) Create a generic class `Box<T>` that can hold a single item of type `T`. Include methods to set and get the item. Additionally, implement a generic method `printArray` that takes an array of any type and prints each element of the array to the console. In your main method, demonstrate the use of the `Box` class by creating instances that hold different data types (e.g., `Integer`, `String`). Then, create arrays of these types and use the `printArray` method to display their contents.