Single Threaded Approach

* Disadvantages of Single Threaded Approach :-

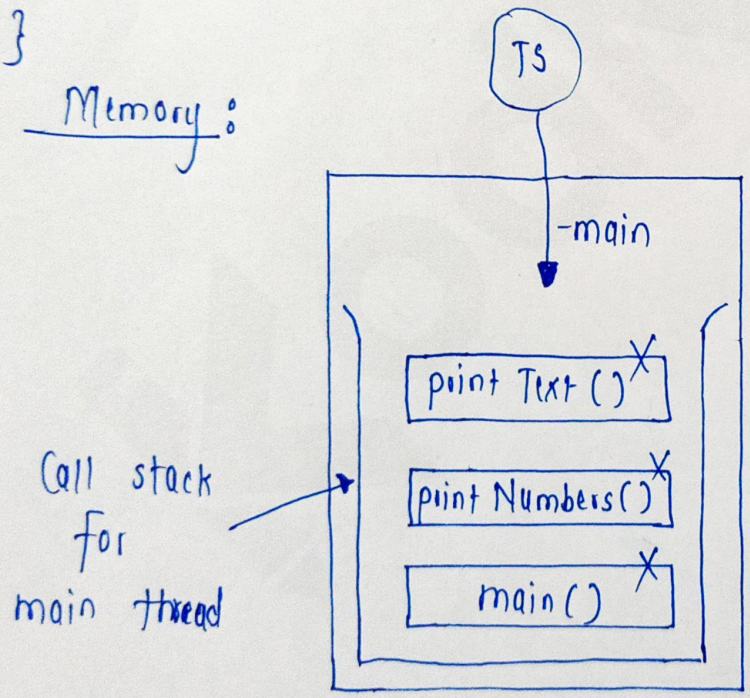
```
public class SingleThreadedApp {
 public static void main (String [] args) {
    // Number Task (Task 1)
     printNumbers ();

  // LetterTask (Task 2)
   printText ();
}

public static void printNumbers () {
    for (int i=1; i<=5; i++) {
     System.out.println ("Number :" +i);
   try {
      Thread.sleep (2000); // makes the current thread sleep for
                           // 2000 ms or 2 sec.
  } catch (InterruptedException e) {
      System.out.println ("Exception Handled");
    }
}
```

```
public static void PointText() {
    for(char i = 'a'; i<='e'; i++) {
    System.out.println("Text: "+i);
try {
    Thread.sleep(2000); // makes the current thread sleep for
                        // 2000 ms or 2 sec.
} catch (InterruptedException e) {
    System.out.println("Exception handled");
}
}
}
```

Memory:



Output:

```
Number : 1
Number : 2
Number : 3
Number : 4
Number : 5

Text : a
Text : b
Text : c
Text : d
Text : e
```

Note: In single threaded program, CPU time is not utilized efficiently during execution of the program.