LAB # 4
Start, Sleep and Stop methods of multithreading

OBJECTIVE
Understanding concurrency by implementing start, sleep and stop thread functions.

LAB TASK
By using start, stop and sleep methods of threading, print alphabets of English from A-Z. (Hint: use math.random method for getting random numbers and then convert them into characters, print 26 characters under rum method loop with fluctuating visualization through sleep method).

SOURCE CODE:

```
public class thread_methods extends Thread {
        public void run()
         {
                int randomValue;
                int [] usedAlphabet = new int [26];
                        for (int i = 0; i < 26; i++) {
                                randomValue = (int)(Math.random()*26 + 65);
                                usedAlphabet[i] = randomValue;
                                System.out.println((char)randomValue + "");
}
try{
        Thread.sleep(500);
}
catch(InterruptedException e)
{
        System.out.println(e);
} }
                public static void main(String[] args) {
                        thread_methods t1=new thread_methods ();
                        thread_methods t3=new thread_methods ();
                         t1.start();
                         t3.stop();
                System.out.println("Thread t3 is stopped");
        }}
```

OUTPUT:

```
run:
Thread t3 is stopped
B
R
U
F
U
H
P
R
B
M
I
```

```
U
W
Q
Y
Z
U
Y
E
G
Z
O
P
Z
Y
R
```

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