

2. Write a program in Java to demonstrate sleep() and wait()

```
package OnlinePractice2;

class Sleep_Wait{

    private static Object obj = new Object();

    public static void main(String[] args)

        throws InterruptedException

    {

        Thread.sleep(1000);

        System.out.println("Thread is a sleeping for 1 second");

        synchronized (obj)

        {

            obj.wait(1000);

            System.out.println("Object is a waiting for second");

        }

    }

}
```

output-

Thread is a sleeping for 1 second

Object is a waiting for 1 second