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

package Phase\_One;

// class name is sleep\_wait

class Sleep\_Wait{

// object create

private static Object obj = new Object();

public static void main(String[] args)

throws InterruptedException

{

// sleep is 1000 = 1 second

Thread.sleep(1000);

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

synchronized (obj)

{

// wait 1000 = 1 second

obj.wait(1000);

System.out.println("Object is a waiting for 1 second");

}

}

}

Output

Thread is a sleeping for 1 second

Object is a waiting for 1 second