

```

package hilos1c;

import java.util.concurrent.Semaphore;

public class Main {
    protected static Semaphore P1;
    public static void main(String[] args) {
        P1 = new Semaphore(0,true);
        Hilo1 Hil1 = new Hilo1(P1);
        Hil1.start();
        Hilo2 Hil2 = new Hilo2(P1);
        Hil2.start();
    }
}

```

Hilo1.java

```

package hilos1c;

import java.util.concurrent.Semaphore;

public class Hilo1 extends Thread{
    protected Semaphore P1;

    public Hilo1(Semaphore P1)
    {
        this.P1 = P1;
    }
    public void run()
    {
        try
        {
            this.P1.acquire();

        }
        catch(Exception e)
        {
            e.printStackTrace();
        }

        for (int i=0; i<10; i++)
        {
            System.out.println("Hola");
        }
    }
}

```

```
}  
  
}
```

Hilo2.java

```
package hilos1c;  
  
import java.util.concurrent.Semaphore;  
  
public class Hilo2 extends Thread{  
    protected Semaphore P1;  
  
    public Hilo2(Semaphore P1)  
    {  
        this.P1 = P1;  
    }  
    public void run()  
    {  
  
        for (int i=0; i<10; i++)  
        {  
            System.out.println("Adios ");  
        }  
        this.P1.release(1);  
    }  
  
}
```