

Pattern 17

```
import java.util.*;

public class patt_17

{
    public static void main(String args[])
    {
        int n,i,j;

        System.out.println("enter the value of n");

        Scanner sc=new Scanner(System.in);

        n=sc.nextInt();

        for(i=0;i<n;i++)
        {
            for(j=0;j<=i;j++)
            {

                if(j%2==0)

                    System.out.print("1");

                else

                    System.out.print("0");

            }

            System.out.println(" ");

        }

    }

}
```

