



```

public static int eulerPath(int n, String dir) {
    if (n <= 1) {
        System.out.println(psf);
        System.out.println("Base: " + n);
        return 1;
    }

    int count = 0;

    System.out.println("Pre: " + n);

    count += eulerPath(n - 1, psf + "L");
    System.out.println("In: " + n);
    count += eulerPath(n - 1, psf + "R");

    System.out.println("Post: " + n);

    return count;
}

```

```

Pre: 5
In: 5
Post: 5
Pre: 4
In: 4
Post: 4
Pre: 3
In: 3
Post: 3
Pre: 2
In: 2
Post: 2
Pre: 1
In: 1
Post: 1

```

