

1er Parcial

1)

A	B	C	Salida
10101	0	1	
10110	1	2	
1011		4	
101	8	8	45
10	16	16	
1		32	
0	45	64	

2)

d	N	i	j	Salida			
0	4	0	0	0	1	2	3
1		1	1	2	3	4	
2			2	4	5		
3			3	6			
		4	4				
2			1				
3			2				
4			3				
		2	4				
4			2				
5			3				

d	N	i	j
		3	4
6			3
		4	4

③

```
static int cantidad(int A, int B){
```

```
    int x = 1;
```

```
    int y = 1;
```

```
    int z; cont = 0;
```

```
    while (x ≤ B){
```

```
        cont += x ≥ 1 ? 1 : 0;
```

```
        z = x + y;
```

```
        x = y;
```

```
        y = z;
```

```
    }
```

```
    return cont;
```

```
}
```


⁴¹
fun(16)

↓
¹⁷

16 + fun(8) + fun(5)

⁷

²

8 + fun(4) + fun(2)

²

¹

5 + fun(2) + fun(1)

²

¹

4 + fun(2) + fun(1)

Retorno 41