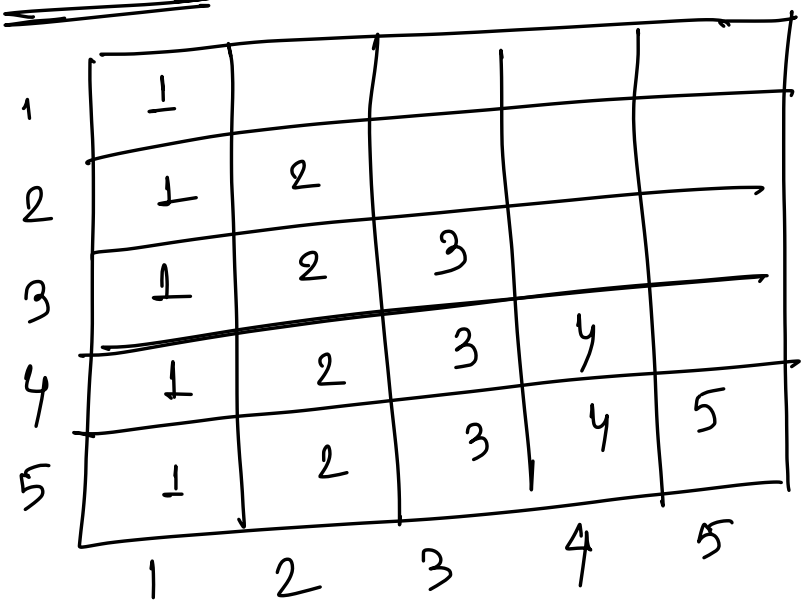
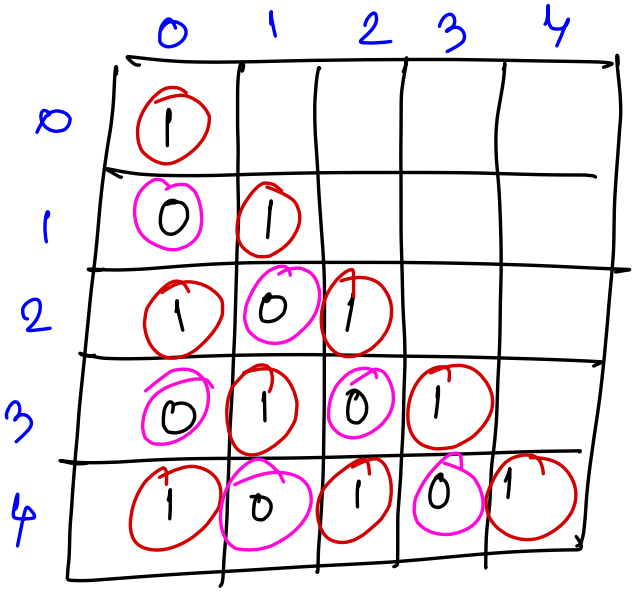
Pattern 1




```
for(int i=1; i<=5; i++){
    for(int j=i; j<=i; j++)
    {
        printf("%d", j);
    }
    printf("\n");
}
```



(0,0) (1,1) (2,2) (3,3) (4,4) } 1
(2,0) (3,1) (4,0) (4,2)

```
for(int i=0; i<5; i++){
    for(int j=0; j<=i; j++){
        if((i+j)%2)
            printf("0 ");
        else printf("1 ");
    }
    printf("\n");
}
```

(1,0) (2,1) (3,0) (3,2) } 0
(4,1) (4,3)

$5 \times 1 = 5$

$5 \times 2 = 10$

$5 \times 3 = 15$

$5 \times 4 = 20$

$5 \times 5 = 25$

$5 \times 6 = 30$

$5 \times 7 = 35$

$5 \times 8 = 40$

$5 \times 9 = 45$

$5 \times 10 = 50$