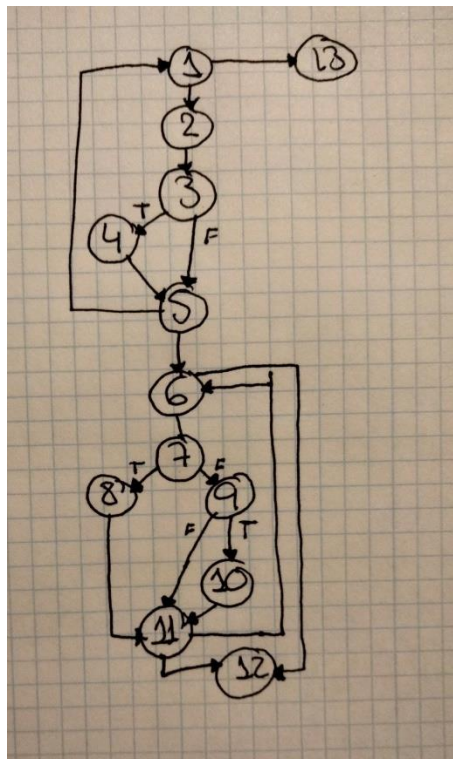


1)

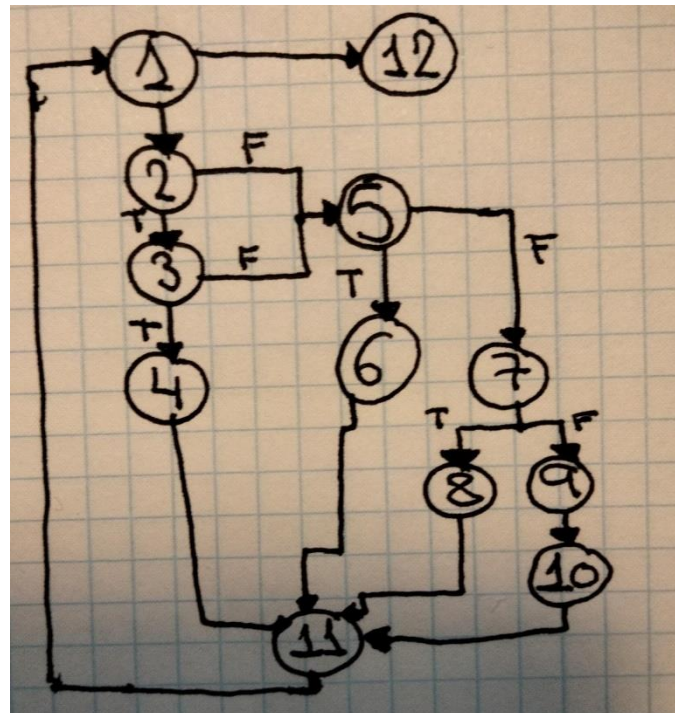
```
for (row in board) 1
    flatBoard += row 2
    if (row.count() != 3) { 3
        return TicTacToeResult.NULL 4
    } 5
    for (col in row) { 6
        if (col == TicTacToeValue.X) { 7
            xCount += 1 8
        } else if (col == TicTacToeValue.O) { 9
            oCount += 1 10
        } 11
    } 12
13 (fin primer for)
```



- Forma 1: 7
- Forma 2:  $18 - 13 + 2 = 7$
- Forma 3:  $6 + 1 = 7$

2)

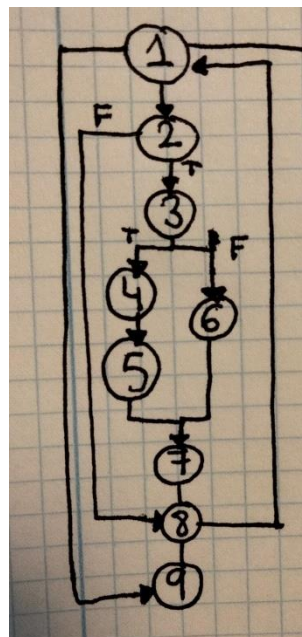
```
for (index in 1..100) { 1
    if (divisibleByThree2&& divisibleByFive) { 3
        println("fizzbuzz") 4
    } else if (divisibleByThree) { 5
        println("fizz") 6
    } else if (divisibleByFive) { 7
        println("buzz") 8
    } else { 9
        println(index) 10
    } 11
} 12 (fin for)
```



- Forma 1: 6
- Forma 2:  $16-12+2=6$
- Forma 3:  $5+1=6$

3)

```
for (int i = 0; i < movimientos.Count; i++) 1
{
    if(i % 2 == 0) 2
    {
        if(pasoy % 2 != 0) 3
        {
            y -= movimientos[i]; 4
        } 5
        else
        {
            y += movimientos[i]; 6
        }
        pasoy++; 7
    } 8
} 9(fin for)
```



- Forma 1: 5
- Forma 2:  $12 - 9 + 2 = 5$
- Forma 3:  $4 + 1 = 5$

4)

```

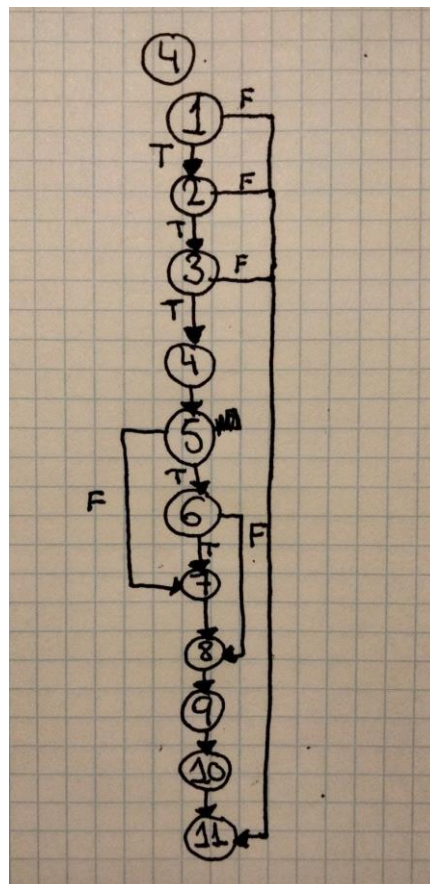
if (flatBoard[winCombination[0]] != TicTacToeValue.EMPTY 1
    && flatBoard[winCombination[0]] == flatBoard[winCombination[1]] 2
    && flatBoard[winCombination[0]] == flatBoard[winCombination[2]]) { 3

    val winner = flatBoard[winCombination[0]] 4

    if (result != TicTacToeResult.DRAW 5
        && (if (result == TicTacToeResult.O) TicTacToeValue.O else 6
            TicTacToeValue.X) != winner) { 7
        return TicTacToeResult.NULL 8
    }

    result = if (winner == TicTacToeValue.X) TicTacToeResult.X else 9
    TicTacToeResult.O 10
} 11

```



- Forma 1: 6
- Forma 2: 15-11+2= 6
- Forma 3: 5+1= 6