



# PRÁCTICA 2

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```

public class MinMax {

    public static int[] minMax(int[] xs) {
        int mi, ma; .....1,2
        int[] result = null; .....3
        if (xs != null && xs.length != 0) { .....4
            mi = ma = xs[0]; .....5
            for (int i = 1; i < xs.length; i++) { .....6
                int n = xs[i]; .....7
                if (n > ma) { .....8
                    ma = n; .....9
                } else if (n < mi) { .....10
                    mi = n; .....11
                }
            }
            result = new int[] { mi, ma }; .....12
        }
        return result; .....13
    }
}

```

**Los caminos base son:**

1-2-3-4-13

1-2-3-4-5-6-12-13

1-2-3-4-5-6-7-8-9-12-13

1-2-3-4-5-6-7-8-10-11-12-13

1-2-3-4-5-6-7-8-10-12-13

**Complejidad ciclomática:**

$V(g) = A - N + 2 \rightarrow V(g) = 16 - 13 + 2 = 5$

$V(g) = P + 1 \rightarrow V(g) = 3 + 1 = 5$

$V(g) = n1 \text{ caminos base} \rightarrow V(g) = 5$

