Problem J1: Boiling Water

Problem Description
At sea level, atmospheric pressure is 100 kPa and water begins to boil at 100°C. As you go above sea level, atmospheric pressure decreases, and water boils at lower temperatures. As you go below sea level, atmospheric pressure increases, and water boils at higher temperatures. A formula relating atmospheric pressure to the temperature at which water begins to boil is

$$P = 5 \times B - 400$$

where P is atmospheric pressure measured in kPa, and B is the temperature at which water begins to boil measured in °C.

Given the temperature at which water begins to boil, determine atmospheric pressure. Also determine if you are below sea level, at sea level, or above sea level.

Note that the science of this problem is generally correct but the values of $100°C$ *and* $100\,kPa$ *are approximate and the formula is a simplification of the exact relationship between water's boiling point and atmospheric pressure.*

Input Specification
The input is one line containing an integer B where $B \geq 80$ and $B \leq 200$. This represents the temperature in °C at which water begins to boil.

Output Specification
The output is two lines. The first line must contain an integer which is atmospheric pressure measured in kPa. The second line must contain the integer `-1`, `0`, or `1`. This integer represents whether you are below sea level, at sea level, or above sea level, respectively.

Sample Input 1
```
99
```

Output for Sample Input 1
```
95
1
```

Explanation of Output for Sample Input 1
When $B = 99$, we can substitute into the formula and get $P = 5 \times 99 - 400$ which equals 95. Since 95 kPa is less than 100 kPa, you are above sea level.

Sample Input 2
```
102
```

Output for Sample Input 2
```
110
-1
```

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Explanation of Output for Sample Input 2
When $B = 102$, we can substitute into the formula and get $P = 5 \times 102 - 400$ which equals 110. Since 110 kPa is greater than 100 kPa, you are below sea level.

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