Exceeding the Speed Limit

Write a program that gets the speed of a driver on the highway (in km/h) and then applies the punishment ticket according to the following formula:

- If the speed is less than or equal to 90, then the driver gets no punishment. There's also no fine.
- If the speed is between 91 and 110 inclusive, then the punishment is a fine of $(speed - 90) \cdot 300$ plus a warning.
- If the speed is greater than 110, then the punishment is a fine of $(speed - 90) \cdot 500$, plus having the license removed.

Input Format

You will be given a single integer s which determines the speed of the driver on the highway.

Constraints

- $0 \leq s \leq 250$

Output Format

Based on the speed of the driver and the formula explained above, print an integer and a string separated by a single space. The integer denotes the amount of fine in the punishment ticket, and the string is one of the following:

- `No punishment` if there is no punishment.
- `Warning` if there is a warning.
- `License removed` if the license is removed.

Sample Input 0

```
100
```

Sample Output 0

```
3000 Warning
```

Explanation 0

Since the driver has exceeded the speed limit, the formula is applied as follows:

$$(100 - 90) \cdot 300 = 3000$$

In addition to the ticket, he also gets a warning.

Sample Input 1

```
140
```

Sample Output 1

```
25000 License removed
```

Explanation 1

Since the driver has exceeded the speed limit, the formula is applied as follows:

$$(140 - 90) \cdot 500 = 25000$$

In addition to the ticket, he will also get his license removed.

Sample Input 2

```
85
```

Sample Output 2

```
0 No punishment
```

Explanation 2

Since the driver has not exceeded the speed limit, he will not get any punishment.