

Input Format

- X is the value to compare against.
- Y represents the range to compare: $64 \times Y$ to $64 \times Y + 63$.

- $0 \leq X \leq 65535$
- $0 \leq Y \leq 1023$
- The number of template parameters passed to *reversed_binary_value* will be ≤ 16 .

Each line of output contains **64** binary characters (i.e., **0**'s and **1**'s). Each character represents one value in the range. The *first* character corresponds to the *first* value in the range. The *last* character corresponds to the *last* value in the range. The character is **1** if the value in the range matches **X**; otherwise, the character is **0**.

```
0100000000000000000000000000000000000000000000000000000000000000
0000000000100000000000000000000000000000000000000000000000000000
```

The second character on the first line is a **1**, because the second value in the range **64..127** is **65** and **X** is **65**.

The eleventh character on the second line is a **1**, because the eleventh value in the range **0..63** is **10** and **X** is **10**.

All other characters are zero, because the corresponding values in the range do not match **X**.