→ MSB | LSB bit manipulations

PRINTBINARY(59); // 00000111011

→ clear LSB till given bit:
eg: clear LSB till 4th bit for 59.
So, 00000111011 ⟶ 00000100000

→ Approach:
→ We will be required a binary 11111100000
→ We can get that from 00000011111
→ We can get that from 00000100000 - 1
⇒ (1<<5) - 1

```
INT A = 59;
INT i = 4;  // till which bit we want to
            clear LSB.
INT B = (a & (~((1 << (i+1)) - 1)));
PRINTBINARY(B)  // 00000100000
```

→ clear MSB till given bit
eg: clear MSB till 3RD bit for 59

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Ex, 000001111011 → 000000001011

→ Approach:
  → We will be required a binary 000000001111
  → We can get that from 000000010000 - 1
    ⇒ (1 << 4) - 1

```
i = 3; // Till which bit we want to clear MSB
INT c = (a & (1 << (i+1)) - 1);
PRINTBINARY(c); // 000000001011
```