```go
package main

import "fmt"

func main() {
    var N int
    a := ""
    fmt.Scan(&N)
    for {
        if N%2 == 1 {
            a = "1" + a
        } else if N%2 == 0 {
            a = "0" + a

        }
        N = N / 2
        if N <= 0 {
            break
        }

    }
    fmt.Println(a)
}
```