let decimal = 0

let helyiertek = 0

let hossz = 0

let receivedString = ""

basic.forever(() => {

receivedString = serial.readLine()

hossz = receivedString.length

helyiertek = 1

decimal = 0

for (let index = 0; index <= hossz - 1; index++) {

decimal = decimal + parseInt(receivedString.charAt(hossz - (index + 1))) \* helyiertek

helyiertek = helyiertek \* 2

}

serial.writeLine("")

serial.writeNumber(decimal)

})