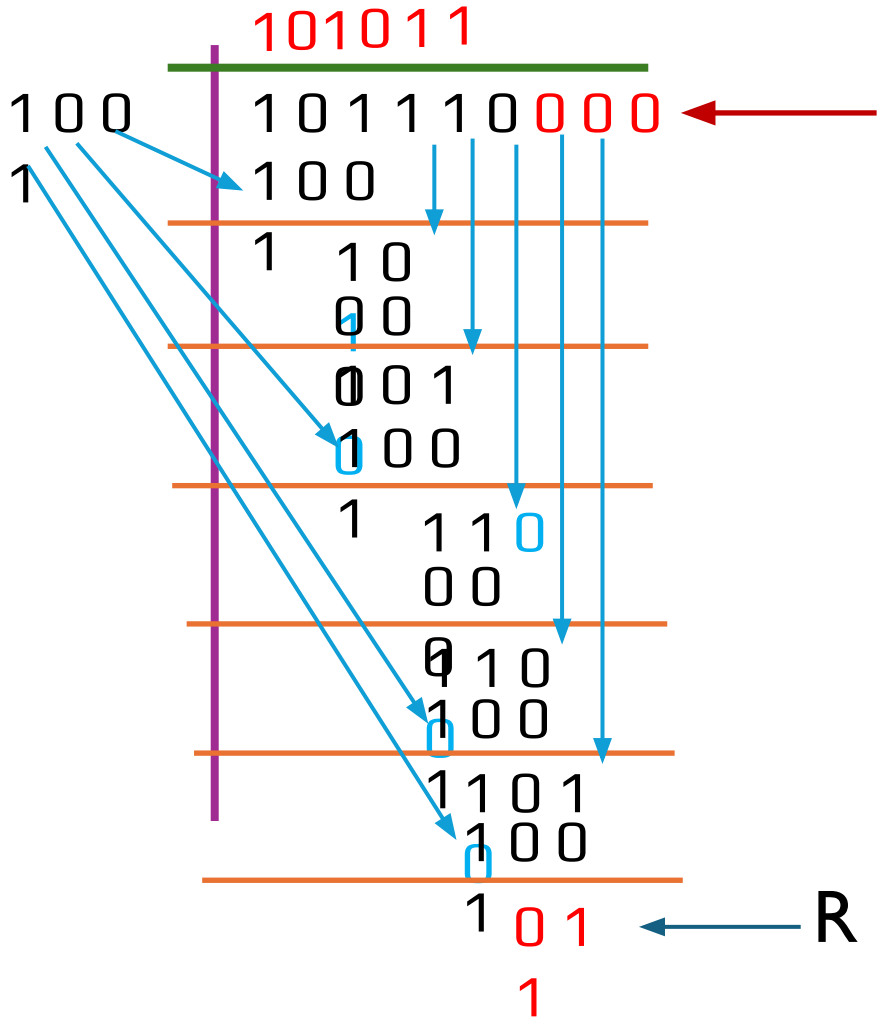
D= 101110

G= 1001

R= ?

What does **G** reveal about **R**?

As **G** is 4 bits long, **R** will be 3 bits long?




Appended 3 zeros with **D** because **R** will be 3 bits long

Exercise: Given the generator polynomial G=1101 or $x^3 + x^2 + 1$ and the data polynomial D= 100100, calculate the remainder R.