public class MyClass {

public static void main(String args[]) {

int x=10; #01010

int i=1;

int ith=2; #the iTH set of the number

i=i<<ith; #Left shift till the ith we want

int res=x & i; #use AND operation

if(res==0) 01010 AND 0100 = 1000 ( 1 AND 0 = 0) ##If the value at ith is 1 after nand operation then its true

{

System.out.println("iTH set of BIT is False");

}

else

{

System.out.println("iTH set of BIT is True" );

}

}

}