***Problema 1***

**import** java.util.Scanner;

**public** **class** For3 {

**public** **static** **void** main(String[]args) {

Scanner citire=**new** Scanner(System.***in***);

System.***out***.println("introduceti n:");

**int** n=citire.nextInt();

citire.close();

**int** s=0;

**if**(n<=18) {

**for**(**int** i=0;i<n;i++) {

s+=i+1;

}

System.***out***.println("Ioana va primi la "+" "+n+" "+" ani cadoul in valoare de "+" "+s+" $");}

**else** {System.***out***.println("null");}

**int** v=0;

**for** (**int** r=0;r<18;r++) {

v+=r+1;

**if** (v>100) {

System.***out***.println("La varsta de"+" "+r+" "+"ani cadoul Ioanei va fi mai mare de 100$");

**break**;}

}

}

}

***Problema 2***

**import** java.util.Scanner;

**public** **class** Pr2 {

**public** **static** **void** main(String[]args) {

Scanner citire=**new** Scanner(System.***in***);

System.***out***.println("Introduceti n:");

**int** n=citire.nextInt();

citire.close();

**int** l=1;

**for**(**int** m=8;m<200;l++) {

m+=m/2;

m+=4;

}

System.***out***.println("In anul "+" "+l+" "+" pomul va avea nu mai putin de 200 de mere");

**int** r=8;

**for** (**int** i=1;i<n;i++) {

r+=r/2;

}

System.***out***.println("In anul "+" "+n+" "+" pomul va avea "+r+" mere");}

}