PROGRAM1:

**import** java.util.Scanner;

**public** **class** Forloop {

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

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

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

**int** i=1;

**int** v;

**int** sum=0;

**for**(v=1; v<=n; v++) {

sum+=i\*v;

**if**(sum>100) {

System.***out***.println("cadoul ioanei a fost mai mare de 100$ la "+n+" ani");

}

}

System.***out***.println("La varsta de "+n+" ani, "+ "Ioana a primit "+sum+"$");

t.close();

}

}

PROGRAM 2:

**import** java.util.Scanner;

**public** **class** Forloop {

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

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

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

**int** mere=8;

**int** an;

**for**( an=2; an<=n; an++) {

mere+=(mere/2)+4;

**if**(mere>=200) {

System.***out***.println("in anul "+an+"marul a avut nu mai putin de 200 mere");

}

}

System.***out***.println("in anul"+n +" marul a avut"+mere+"mere");

t.close();

}

}

PROGRAM 3:

**public** **class** Rate {

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

**int** r=0;

**int** s=0;

**while** (s<100 ) {

r++;

s= 2\*r+r/2+r/4+1;

}

System.***out***.println (r);

}

}