public class Test {

private int a;

public static void main(String[] args) {

homework a = new homework();

a.add();

a.mul();

a.singular();

a.prime();

}

}

class homework{

public void add(){

int sum=0;

for (int i=1;i<=100;i++)

{

sum+=i;

}

System.out.println("1到100的和为："+sum);

}

public void mul(){

System.out.println("九九乘法表");

for (int i=1;i<=9;i++){

for (int j=1;j<=i;j++)

{

System.out.print(j+"x"+i+"="+i\*j+" ");

if (i==j){

System.out.println();

}

}

}

}

public void singular(){

System.out.println("1-100所有整数中的单数：");

for (int i=1;i<=100;i++)

{

if (i%2!=0)

{

System.out.print(i+" ");

}

}

System.out.println();

}

public void prime(){

System.out.println("101-200所有素数");

int p=1;

int sum=0;

for (int i=101;i<=200;i++)

{

for (int j=2;j<i;j++)

{

if(i%j==0)

{

p=0;

}

}

if (p==1){

System.out.print(i+" ");

sum+=i;

}

p=1;

}

System.out.println();

System.out.println("101-200所有素数之和为"+sum);

}

}

