Problema 1

```
import java.util.Scanner;


public class Main {

public static void main(String[]args) {
	int count=0,count1=0;
	try {
	Scanner s=new Scanner(System.in);
	System.out.println("Introduceti un numar de la 2 la 100");
	int n=s.nextInt();
	if(n<2 || n>100) {
		System.out.println("Numarul nu corespunde cerintelor");
	}
	else {
	while (n>0) {
	n=n-3;
	count++;
	if(n==1) {
		count=count-1;
		count1+=2;
		break;
	}
	if(n==2) {
		count1++;
		break;}
}
	System.out.println(count+" "+count1);
}

	}
	catch(Error e)	{
		System.out.println(e+"Textul introdus de dumneavostra nu corespunde
cerintelor");
	}

}
}
```

Problema 2

```
import java.util.Scanner;
import java.util.*;

public class Problema2 {
	public static void main(String[]args) {
	Scanner s= new Scanner(System.in);
	String a=s.nextLine();
	int b=a.length();
	int d=0;


	while(d<b-1) {
	StringBuilder sb=new StringBuilder(a);
	d++;
	sb.setCharAt(0,a.charAt(b-1));
	sb.setCharAt(b-1,a.charAt(0));
	for(int i=0;i<b-1;i++) {
	sb.setCharAt(i,a.charAt(i+1));
	}

	a="";
	a=sb.toString();
	a=a.replace("-","");
	System.out.println(Integer.parseInt(a));
	String max=a;
	 int b1=Integer.parseInt(a);
	int cou=0;
	int couprime=0;
	for(int j2=1;j2<=1000;j2++) {
		if(b1%j2==0)cou++;}
		if(cou>couprime) {max=a;couprime=cou;}
	if(d>=b-1)
	System.out.println("Numarul cu cei mai multi divizori este "+max);
	}


	}
}
```

Problema 3

```java
import java.util.Scanner;


public class Problema_3 {

	public static void main(String[]args) {
		Scanner s=new Scanner(System.in);
		int max=0;
		int n=s.nextInt();
		int k=s.nextInt();

		int[] Ad=new int[n];
		for(int i=0;i<n;i++) {
			Ad[i]=s.nextInt();}
		for(int i=0;i<n;i++) {

		}



	}
}
```