Ex1. (1-1/2^2+1/3^2-...)

```
import java.util.Scanner;
public class Ex1 {
	public static void main(String[]args) {
		System.out.println("introduceti n:");
		Scanner sc = new Scanner(System.in);
		int n=sc.nextInt();
		sc.close();
		double s=0;
		for(int i=1; i<=n; i++) {
			if (i%2!=0) {
				s=s+1/Math.pow(i, 2);
			}
			else  {
				s=s-1/Math.pow(i, 2);
		}}
			System.out.printf("%.4f%n",s);

	} }
```

Ex2. Table inmultirii

```
public class Ex2 {
 public static void main(String[] args) {
	final int trei=3;
	int i=1;
	do {
		int m=trei*i;
		System.out.println("3*"+i+"="+ "+m);
		i++;
	}
	while(i<=10);

 }
}
```

Ex3. (fractie pe fractie)

```
public class Ex3 {
	public static void main(String[] args) {
		int i=5;
		double s=0;
		while(i>=5) {
			s+=1/(2*i-1);
			s=1/(i+s);
			i-=2;
		}
			System.out.format("%.4f",s);
			}

	}
```