

1)

```
package tema1;

import java.io.*;

public class NrNatural {

    public static void main(String[] args) throws IOException {

        InputStreamReader isr = new InputStreamReader(System.in);

        BufferedReader br = new BufferedReader(isr);

        System.out.println("Introduceti un numar ");

        String s= br.readLine();

        if (s != null && s.matches("\\d+")) {

            //s != null → verifică că citirea nu a returnat null !!!EXPLICA IN CLASA CA NU INTELEG!!!

            //s.matches("\\d+") → verifică că sunt doar cifre

            int n = Integer.parseInt(s);

            System.out.println("Numarul este valid, nr este: " + n );

            if (n % 2 == 0)

                System.out.println("Numarul este par.");

            else {

                System.out.println("Numarul este impar.");

            }

        }

        else {

            System.out.println("Numarul este invalid");

        }

    }

}
```

2)

```
package tema1;
```

```
import java.io.*;
```

```
public class treinintregi {
```

```
    public static void main(String[] args) throws IOException {
```

```
        InputStreamReader isr = new InputStreamReader(System.in);
```

```
        BufferedReader br = new BufferedReader(isr);
```

```
        System.out.println("Introduceti 3 numere intregi: ");
```

```
        String s = br.readLine();
```

```
        String s1 = br.readLine();
```

```
        String s2 = br.readLine();
```

```
        int n = Integer.parseInt(s);
```

```
        int a = Integer.parseInt(s1);
```

```
        int b = Integer.parseInt(s2);
```

```
        System.out.println("Numerele introduse sunt: " + n + " " + a + " " + b);
```

```
        int suma = a + b + n;
```

```
        System.out.println("Suma numerelor este: " + suma);
```

```
        int medarit = suma / 3;
```

```
        System.out.println("Media aritmetica a numerelor este: " + medarit);
```

```
        int minim = n;
```

```
            if(a < minim) minim = a;
```

```
            if(b < minim) minim = b;
```

```
        System.out.println("Numarul minim este: " + minim);
```

```
        int maxim = n;
```

```
            if(a > maxim) maxim = a;
```

```
            if(b > maxim) maxim = b;
```

```
        System.out.println("Numarul maxim este: " + maxim);
```

```
    }
```

```
}
```