ANEXO: CCPL Round 7

Enunciados

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-A

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardA
{

      public static void main(String[] args) throws IOException
      { pc2Read();
      }

      public static void process(String vec[])
      { int m = Integer.parseInt(vec[0]); // Lados del poligono

        // vec[1] ... vec[m-1] Coordenadas de los vertices de los poligonos
      }

      public static void pc2Read() throws IOException
      { String line, vec[] = null;
        BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
        try
        { int n = Integer.parseInt(buffer.readLine( )); // Número de poligonos
          for (int i=0; i<n; i++)
          {    line = buffer.readLine( );
               vec = line.split(" ");
               process(vec);
          }
        }
        catch(NullPointerException e)
        {
        }
        buffer.close();
      }
}
```

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-B

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardB
{

      public static void main(String[] args) throws IOException
      { pc2Read();
      }

      public static void process(String vec[])
      { int x = Integer.parseInt(vec[0]); // Coordenada del crater
        int y = Integer.parseInt(vec[1]); // Coordenada del crater
        int r = Integer.parseInt(vec[2]); // Radio del crater

      }

      public static void pc2Read() throws IOException
      { String line, vec[] = null;
        BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
        try
        { int n = Integer.parseInt(buffer.readLine( )); // Número de craters
          for (int i=0; i<n; i++)
          {    line = buffer.readLine( );
               vec = line.split(" ");
               process(vec);
          }
        }
        catch(NullPointerException e)
        {
        }
        buffer.close();
      }
}
```

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-C

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardC
{

    public static void main(String[] args) throws IOException
    { pc2Read();
    }

    public static void process(String line)
    { // line : mensaje a desencriptar
    }

    public static void pc2Read() throws IOException
    { String line, vec[] = null;
      BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
      try
      { line = buffer.readLine( );
        process(line);
      }
      catch(NullPointerException e)
      {
      }
      buffer.close();
    }
}
```

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-D

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardD
{

    public static void main(String[] args) throws IOException
    { pc2Read();
    }

    public static void process(String line1[], String line2[])
    { int n = Integer.parseInt(line1[0]); // Número de estudiantes
      int k = Integer.parseInt(line1[1]); // Número de comandos

      // line2[]: son los k comandos, los "undo" no se cuentan entre los k

    }

    public static void pc2Read() throws IOException
    { String line, line1[] = null, line2[] = null;
      BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
      try
      { line = buffer.readLine( );
        line1 = line.split(" ");

        line = buffer.readLine( );
        line2 = line.split(" ");

        process(line1, line2);
      }
      catch(NullPointerException e)
      {
      }
      buffer.close();
    }
}
```

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-F

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardF
{

    public static void main(String[] args) throws IOException
    { pc2Read();
    }

    public static void process(String mat[][])
    {
      /*
       * Se visualiza sólo para comprobar la lectura
       */
      for (int i=0; i<mat.length; i++)
         System.out.println(mat[i][0] + " " + mat[i][1]);
    }

    public static void pc2Read() throws IOException
    { String line, mat[][] = null;
      BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
      try
      { int n = Integer.parseInt(buffer.readLine( ));
        mat = new String[n][2];

        for (int i=0; i<n; i++)
        { line = buffer.readLine( );
          mat[i] = line.split(" ");
        }
        process(mat);
      }
      catch(NullPointerException e)
      {
      }
      buffer.close();
    }
}
```

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-G

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardG
{

    public static void main(String[] args) throws IOException
    { pc2Read();
    }

    public static void process(String vec1[], String vec2[])
    {
    }

    public static void pc2Read() throws IOException
    { String line, vec1[] = null, vec2[] = null;
      BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
      try
      { line = buffer.readLine( );
        vec1  = line.split(" ");

        line = buffer.readLine( );
        vec2  = line.split(" ");

        process(vec1, vec2);
      }
      catch(NullPointerException e)
      {
      }
      buffer.close();
    }
}
```

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-H

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardH
{

    public static void main(String[] args) throws IOException
    { pc2Read();
    }

    public static void process(String mat[], int f, int c)
    {
      /*
       * Sólo para comprobar la lectura
       */
        for (int i=0; i<f; i++)
        { System.out.println(mat[i]);
        }
    }

    public static void pc2Read() throws IOException
    { String line, mat[] = null, vec[];
      BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
      try
      { line = buffer.readLine( );
        vec = line.split(" ");

        int f = Integer.parseInt(vec[0]);
        int c = Integer.parseInt(vec[1]);

        mat = new String[f];

        for (int i=0; i<f; i++)
        { line = buffer.readLine( );
          mat[i] = line;
        }
        process(mat, f, c);
      }
      catch(NullPointerException e)
      {
      }
      buffer.close();
    }
}
```

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-I

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardI
{

    public static void main(String[] args) throws IOException
    { pc2Read();
    }

    public static void process(String vec[])
    {
    }

    public static void pc2Read() throws IOException
    { String line, vec[] = null;
      BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
      try
      { line = buffer.readLine( );
        vec = line.split(" ");
        process(vec);
      }
      catch(NullPointerException e)
      {
      }
      buffer.close();
    }
}
```

ENTRADAS: CCPL 2018 – ROUND 7 – EJERCICIO-J

```java
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;


public class InputStandardJ
{

    public static void main(String[] args) throws IOException
    { pc2Read();
    }

    public static void process(String vec[], String mat[][])
    {
    }

    public static void pc2Read() throws IOException
    { String line, vec[] = null, mat[][] = null;
      BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in));
      try
      { line = buffer.readLine( );
        vec = line.split(" ");

        for (int i=0; i<10; i++)
        { line = buffer.readLine( );
          mat[i] = line.split(" ");
        }
        process(vec, mat);
      }
      catch(NullPointerException e)
      {
      }
      buffer.close();
    }
}
```