**Python-XML Task**

**Introduction**

XML is a flexible container object, designed to store hierarchical data structures in memory. The type can be described as a cross between a list and a dictionary.

Example:

<Team>

<Name>Humanoid</Name>

<Domain>Coding</Domain>

<body>Python application Task!</body>

</Team>

An XML element is everything from (including) the element's start tag to (including) the element's end tag.

Example:

<body>Python application Task!</body>

**Task**

Write a program to print the output of the containing data of an element in a column format, for which the Title and name of the element is taken as an user Input.

**Sample File:**

<Page name="3 F\_R\_S">

<param compileSize="1" acceleration="5" softness="7 7 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6" />

<steps>

<step frame="9" pose="-81.15 80.57 -68.26 67.97 -14.65 14.36 -45.12 45.12 -1.46 1.17 />

<step frame="18" pose="-81.15 80.57 -68.26 67.97 -14.65 14.36 -45.12 45.12 -7.32 4.1" />

<step frame="30" pose="-81.15 80.86 -68.26 67.97 -14.65 14.36 -45.12 45.12 -1.46" />

</steps>

</Page>

**Sample Input:**

3 F\_R\_S

18

**Sample Output:**

-81.15

80.57

-68.26

67.97

-14.65

14.36

-45.12

45.12

-7.32

4.1

**Explanation:**

The first line of the input contains the “Page name”, the second line contains the “frame”

Based on the input, the corresponding “Pose” values are printed in a column.

**Reference:**

1. You can refer to python libraries for accessing XML elements like Element tree, Beautiful Soup etc.
2. To know about XML file types, you can look into

https://www.w3schools.com/xml/