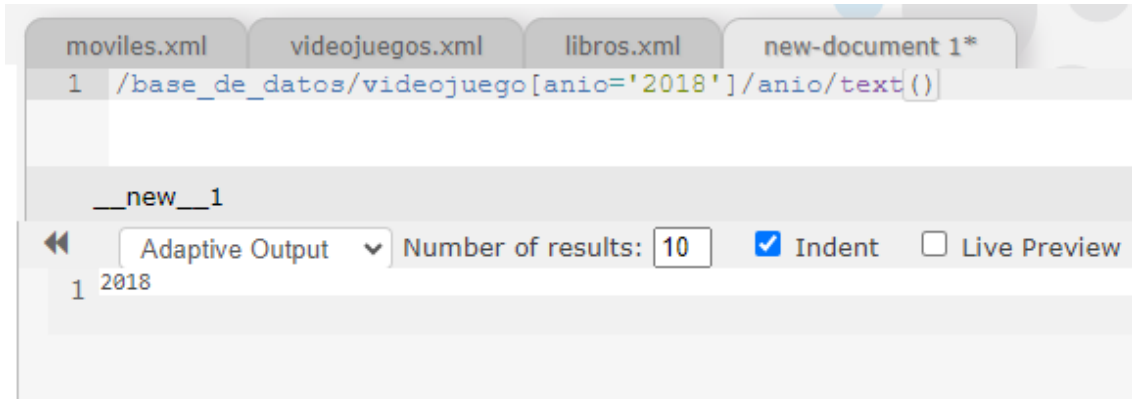


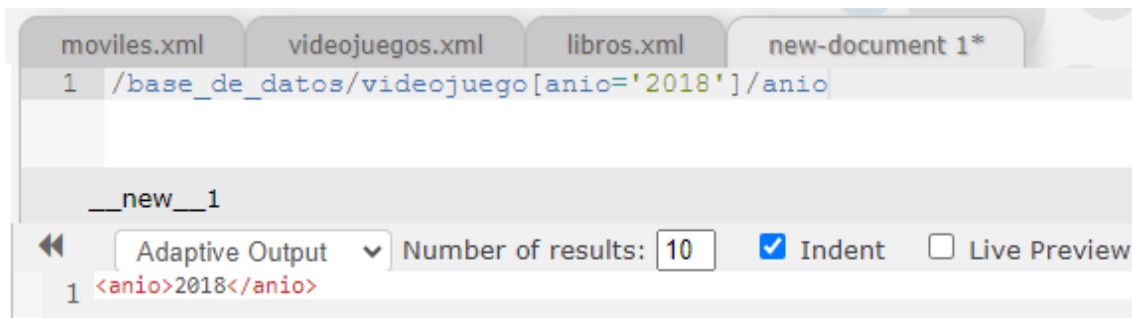
Ejercicios básicos Xpath y Xquery

Xpath

Solo el año



Año con las etiquetas



Todos los datos



Año y empresa



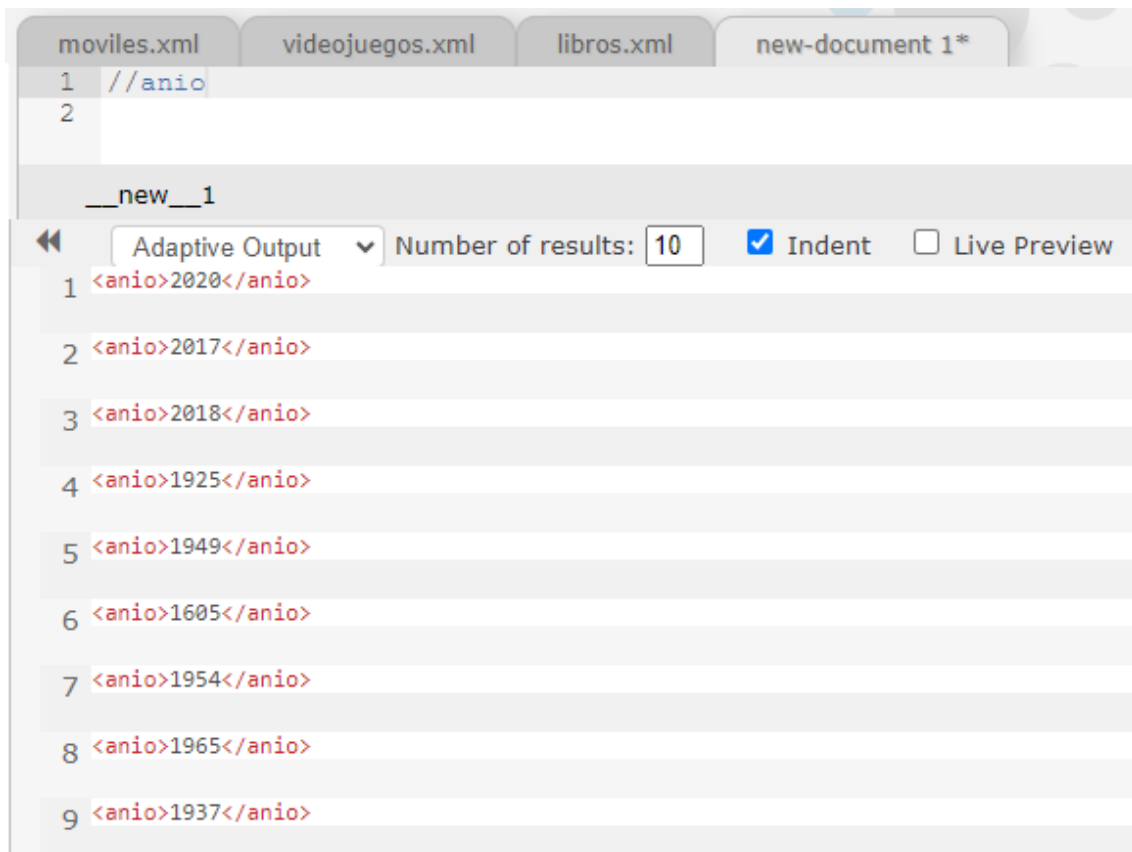
The screenshot shows an XML editor with tabs for 'moviles.xml', 'videojuegos.xml', 'libros.xml', and 'new-document 1*'. The 'videojuegos.xml' tab is active, displaying the following XML code:

```
1 /base_de_datos/videojuego[anio='2018']/(anio | empresa)
2
```

Below the code editor, there is a preview section labeled '__new__1'. It includes a dropdown menu set to 'Adaptive Output', a 'Number of results' field set to '10', and two checkboxes: 'Indent' (checked) and 'Live Preview' (unchecked). The preview shows the following XML output:

```
1 <anio>2018</anio>
2 <empresa>Rockstar Games</empresa>
```

Obtener todos los años de lanzamiento de los videojuegos



The screenshot shows the same XML editor with the 'videojuegos.xml' tab active. The XML code in the editor is:

```
1 //anio
2
```

The preview section, labeled '__new__1', shows the following XML output for the first 9 results:

```
1 <anio>2020</anio>
2 <anio>2017</anio>
3 <anio>2018</anio>
4 <anio>1925</anio>
5 <anio>1949</anio>
6 <anio>1605</anio>
7 <anio>1954</anio>
8 <anio>1965</anio>
9 <anio>1937</anio>
```

Obtener el título del primer videojuego en la base de datos

The screenshot shows the XMLSpy interface with three tabs: 'moviles.xml', 'videojuegos.xml', and 'libros.xml'. The 'videojuegos.xml' tab is active, and the XPath query `//videojuego[1]/titulo` is entered in the top text area. Below the query, the '___new__1' node is expanded, showing a single result in the 'Adaptive Output' view: `<titulo>Assassin's Creed Valhalla</titulo>`. The 'Number of results' is set to 10.

Obtener el título de todos los videojuegos desarrollados por Ubisoft

The screenshot shows the XMLSpy interface with four tabs: 'moviles.xml', 'videojuegos.xml', 'libros.xml', and 'new-document'. The 'videojuegos.xml' tab is active, and the XPath query `//videojuego[empresa = 'Ubisoft']/titulo` is entered. The '___new__1' node is expanded, showing a single result: `<titulo>Assassin's Creed Valhalla</titulo>`. The 'Adaptive Output' view is selected, 'Number of results' is 10, and the 'Indent' checkbox is checked.

Obtener el año de lanzamiento del videojuego "Red Dead Redemption 2"

The screenshot shows the XMLSpy interface with four tabs: 'moviles.xml', 'videojuegos.xml', 'libros.xml', and 'new-document 1*'. The 'videojuegos.xml' tab is active, and the XPath query `//videojuego[titulo = 'Red Dead Redemption 2']/anio` is entered. The '___new__1' node is expanded, showing a single result: `<anio>2018</anio>`. The 'Adaptive Output' view is selected, 'Number of results' is 10, the 'Indent' checkbox is checked, and the 'Live Preview' checkbox is unchecked.

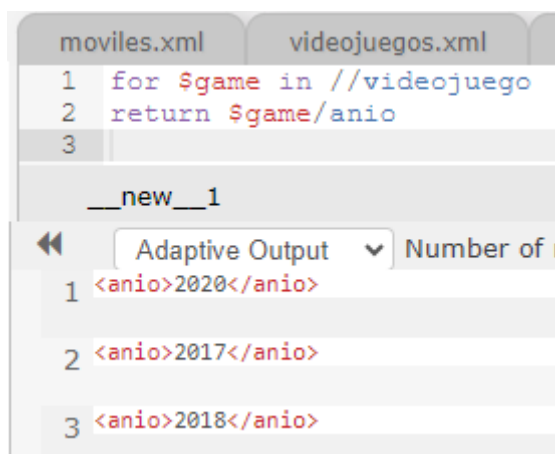
Obtener todos los videojuegos lanzados entre 2017 y 2020 (ambos inclusive)



The screenshot shows a web browser with four tabs: 'moviles.xml', 'videojuegos.xml', 'libros.xml', and 'new-document 1'. The 'videojuegos.xml' tab is active, displaying an XQuery query: `1 //videojuego[anio >= 2017 and anio <= 2020]/titulo`. Below the query editor, there is a control bar with a left arrow, a dropdown menu set to 'Adaptive Output', a text input for 'Number of results' set to '10', a checked 'Indent' checkbox, and an unchecked checkbox. The results are displayed in a list with three items: `1 <titulo>Assassin's Creed Valhalla</titulo>`, `2 <titulo>The Legend of Zelda: Breath of the Wild</titulo>`, and `3 <titulo>Red Dead Redemption 2</titulo>`.

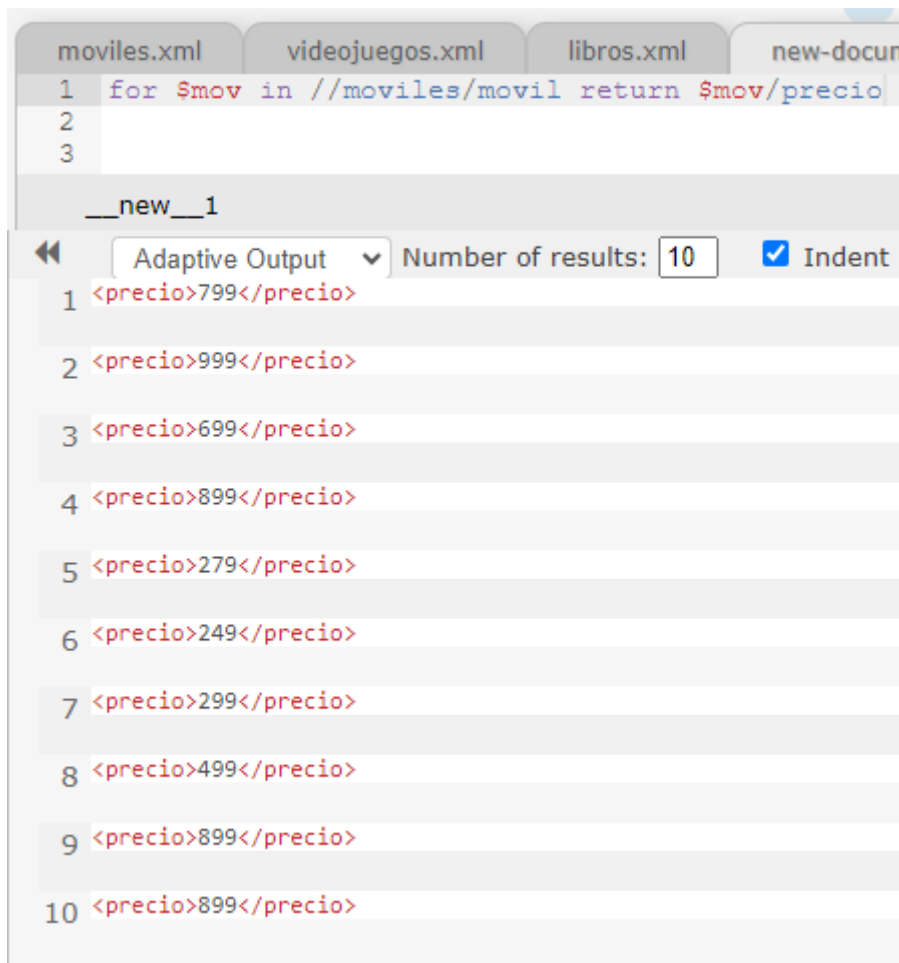
XQuery

Obtener todos los años de lanzamiento de los videojuegos



The screenshot shows a web browser with two tabs: 'moviles.xml' and 'videojuegos.xml'. The 'videojuegos.xml' tab is active, displaying an XQuery query: `1 for $game in //videojuego`, `2 return $game/anio`, and `3`. Below the query editor, there is a control bar with a left arrow, a dropdown menu set to 'Adaptive Output', and a text input for 'Number of'. The results are displayed in a list with three items: `1 <anio>2020</anio>`, `2 <anio>2017</anio>`, and `3 <anio>2018</anio>`.

Caso de videojuego



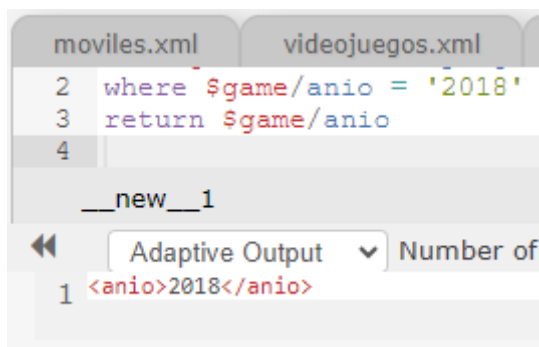
The screenshot shows an XML editor with four tabs: `moviles.xml`, `videojuegos.xml`, `libros.xml`, and `new-docun`. The `videojuegos.xml` tab is active, displaying the following XML code:

```
1 for $mov in //moviles/movil return $mov/precio
2
3
```

Below the code editor, there is a section labeled `__new__1` with a left arrow icon, a dropdown menu set to `Adaptive Output`, a text input for `Number of results:` set to `10`, and a checked checkbox for `Indent`. The output area displays 10 XML snippets, each representing a game's price:

```
1 <precio>799</precio>
2 <precio>999</precio>
3 <precio>699</precio>
4 <precio>899</precio>
5 <precio>279</precio>
6 <precio>249</precio>
7 <precio>299</precio>
8 <precio>499</precio>
9 <precio>899</precio>
10 <precio>899</precio>
```

Solo el año 2018



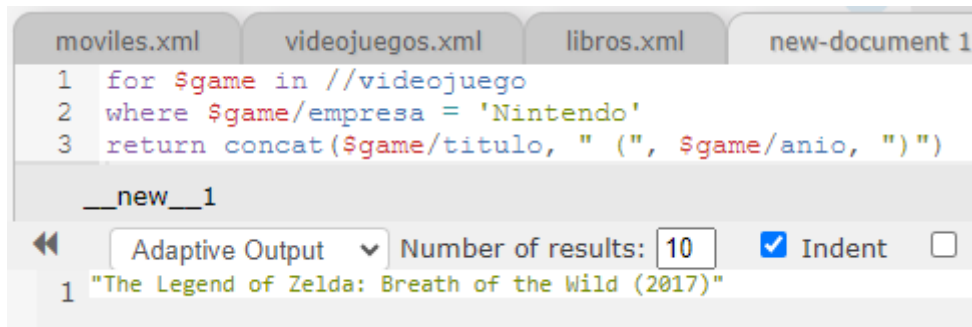
The screenshot shows an XML editor with two tabs: `moviles.xml` and `videojuegos.xml`. The `videojuegos.xml` tab is active, displaying the following XML code:

```
2 where $game/anio = '2018'
3 return $game/anio
4
```

Below the code editor, there is a section labeled `__new__1` with a left arrow icon, a dropdown menu set to `Adaptive Output`, and a text input for `Number of`. The output area displays a single XML snippet representing the year 2018:

```
1 <anio>2018</anio>
```

Obtener el título y el año de lanzamiento de todos los videojuegos desarrollados por Nintendo



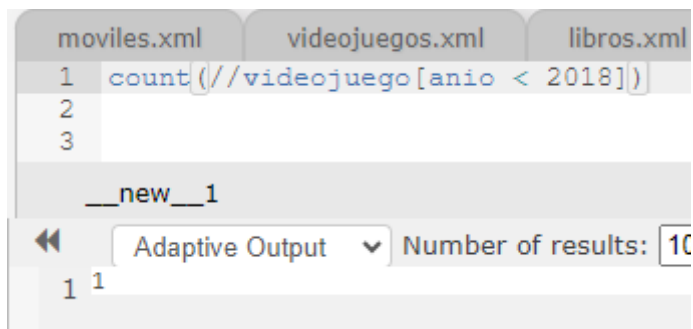
The screenshot shows a query editor with tabs for 'moviles.xml', 'videojuegos.xml', 'libros.xml', and 'new-document 1'. The active tab is 'videojuegos.xml'. The query is as follows:

```
1 for $game in //videojuego
2 where $game/empresa = 'Nintendo'
3 return concat($game/titulo, " (", $game/anio, ")")
```

Below the query, there is a section labeled '__new__1' with a left arrow icon, a dropdown menu set to 'Adaptive Output', a 'Number of results' field set to '10', and a checked 'Indent' checkbox. The result is displayed as:

```
1 "The Legend of Zelda: Breath of the Wild (2017)"
```

Obtener el número total de videojuegos lanzados antes de 2018



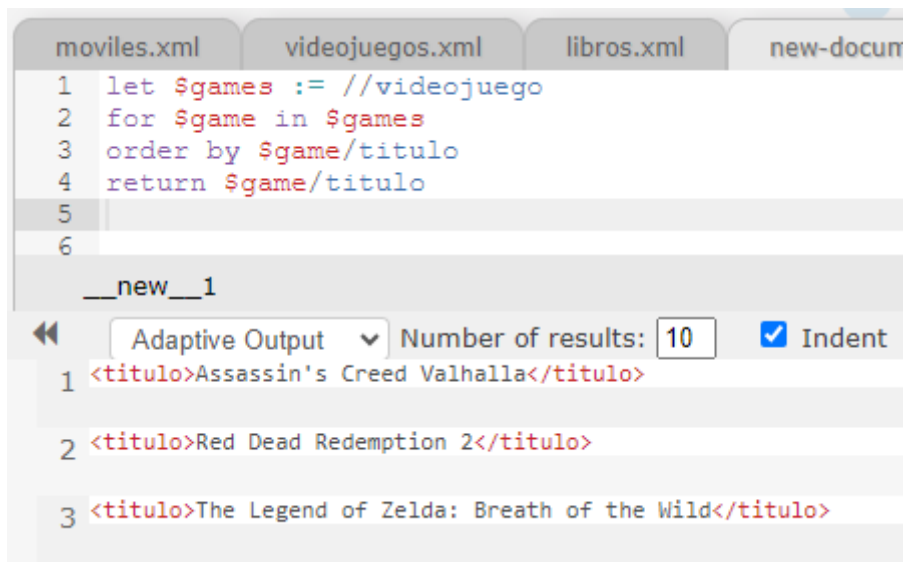
The screenshot shows a query editor with tabs for 'moviles.xml', 'videojuegos.xml', and 'libros.xml'. The active tab is 'videojuegos.xml'. The query is as follows:

```
1 count(//videojuego[anio < 2018])
2
3
```

Below the query, there is a section labeled '__new__1' with a left arrow icon, a dropdown menu set to 'Adaptive Output', a 'Number of results' field set to '10', and a checked 'Indent' checkbox. The result is displayed as:

```
1 1
```

Obtener los títulos de todos los videojuegos en orden alfabético



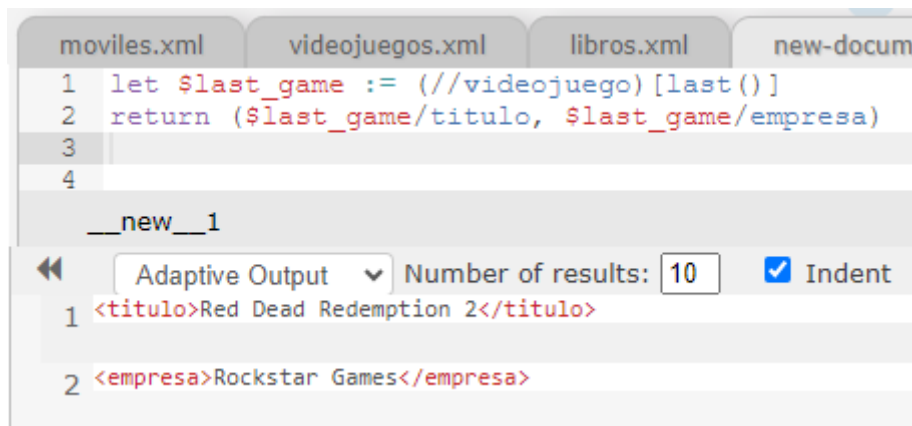
The screenshot shows a query editor with tabs for 'moviles.xml', 'videojuegos.xml', 'libros.xml', and 'new-document 1'. The active tab is 'videojuegos.xml'. The query is as follows:

```
1 let $games := //videojuego
2 for $game in $games
3 order by $game/titulo
4 return $game/titulo
5
6
```

Below the query, there is a section labeled '__new__1' with a left arrow icon, a dropdown menu set to 'Adaptive Output', a 'Number of results' field set to '10', and a checked 'Indent' checkbox. The results are displayed as:

```
1 <titulo>Assassin's Creed Valhalla</titulo>
2 <titulo>Red Dead Redemption 2</titulo>
3 <titulo>The Legend of Zelda: Breath of the Wild</titulo>
```

Obtener el título y la empresa del último videojuego en la base de datos



```
1 let $last_game := (//videojuego)[last()]
2 return ($last_game/titulo, $last_game/empresa)
3
4
```

__new__1

◀ Adaptive Output ▼ Number of results: 10 ☒ Indent

```
1 <titulo>Red Dead Redemption 2</titulo>
2 <empresa>Rockstar Games</empresa>
```