**TP 2 XML**

**Exercice 1 : XPath**

1. All compositions

//composition

1. All compositions having only one « soloist »

//performance[count(soloist)=1]/composition

1. All performances having only one "orchestra" but no "soloist"

//performance[count(orchestra)=1 and count(soloist)=0]

1. All soloists having played with the London Symphony Orchestra in a CD published by Deutsche

//CD[publisher="Deutsche"]/performance[orchestra="London Symphony"]/soloist

1. All CDs having performances of the London Symphony Orchestra

//performance[orchestra="London Symphony"]/ancestor::CD

**Exercice 2 : Xpath**

1. All descendants of the second node "livre"

//livre[position()=2]/descendant::\*

1. All "titres" of "livre" nodes representing the following siblings of the first node "livre"

//following-sibling::livre[position()=1]/titre

//livre[position()=1]/following-sibling ::\*/titre

1. "titres" and all descendants of "livre" nodes representing the following siblings of the second node "livre"

//livre[position()=2]/following-sibling::\*/descendant::\*

1. The last node "livre" having its attribute "genre=jeu"

//livre[titre[@genre='jeu']][last()]

1. The "titre" of the second "livre" with parution="2006"

//livre[parution='2006'][position()=2]/titre

**Exercice 3**