Selecting elements:

bib	matches a bib element
*	matches any element
/	matches the root element
/bib	matches a bib element under root
bib/paper	matches a paper in bib
bib//paper	matches a paper in bib, at any depth
//paper	matches a paper at any depth
paper|book	matches a paper or a book
@price	matches a price attribute
bib/book/@price	matches price attribute in book, in bib

Selecting text within an element:

/bib/paper/author/text()   matches all text between <author>…</author>

Filtering elements:

/bib/paper/author[*put predicates here*]   matches all authors that satisfy predicates

/bib/book[@price]	match all books that have a price
/bib/book[@price < 60]	match all books with a price < 60
/bib/book/author[@age < 25]	match all authors with ages < 25
/bib/book[author/@age < 25]	match all books with the age of an author < 25
/bib/book[author/text()]	match all books that have an author with some text
/bib/book[author/text()="Dr. Seuss"]	match all books written by Dr. Seuss

Predicates can use comparisons like =, !=, <, >, etc.
Combine predicates with 'and' / 'or'

Functions:

count(expression)	counts the number of nodes returned by expression
also min, max, sum, avg	
contains(x, y)	

/bib/book[count(author)>3]   match books with > 3 authors