Directed work 4 (TD)

XQuery

Exercise 1

The XML database, shown in Figure 1, demonstrates a catalog of products (catalog.xml), the historic of price changes, and a set of orders passed on the products.

Figure 1. Entity-relationship sub-model of the University Database

Questions

1- Give the XQuery scripts that returns:
   a) The first two products
   b) The number of products
   c) The price of the products (in USD) of the date '2006-11-15'
   d) All items of the order number '00299432'
   e) The product name having the **dept** attribute
   f) The product names given in English "en"
   g) Details of all orders as follows
   <commande num='………'>
   <article produit='…..' dept='….' Quantite='……..' coleur='…….'/>
   </commande>
   N.B instead of number of a product provide its name in 'product' attribute