Emerging Programming Platforms and Technologies

Lab Work – 6

1. To complete this task:
    i.   Open the file grant.xml and study its content.
    ii.   Open the file grant.xsd and by using a Russian doll design, write a schema for the XML document which you just analyzed. Create custom data types where applicable.
2. To complete this task:
    i.   Open the file studies.xml and study its content.
    ii.   Open the file slist.xsd and by using a Venetian blind layout, write a schema for the XML document which you just analyzed.
    iii. Create the following user-defined data types:
          - studyIDType (for studyID), based on the ID data type and following a certain pattern
          - genderType (for gender), based on the string data type and limited to the values: female, male, and all
          - phaseType (for phase), based on the positive integer data type and having a maximum value of 3 (inclusive)
    iv.   Use other suitable data types as per the content of the elements.