**Problem 1 -** What does the XML language represent? What is it used for?

XML stands for extensible markup language. It is a markup language, both human-readable and machine-readable. It is a universal language for describing structured data, using text with tags. It is also used for metadata.

**Problem 3 -** What do namespaces represent in an XML document? What are they used for?

Namespaces in XML documents provide a way to avoid name (as well as attribute name) conflicts in an XML document. Identical names in different namespaces can be used.