1. **What does the XML language represents? What does it used for?**

* Extensible Markup Language (XML) is a markup language that defines a set of rules for encoding documents in a format that is both human-readable and machine-readable. It is defined in the XML 1.0 Specification[2] produced by the W3C, and several other related specifications,[3] all free open standards.[4]
* The design goals of XML emphasize simplicity, generality, and usability over the Internet.[5] It is a textual data format with strong support via Unicode for different human languages. Although the design of XML focuses on documents, it is widely used for the representation of arbitrary data structures,[6] for example in web services.
* Many application programming interfaces (APIs) have been developed to aid software developers with processing XML data, and several schema systems exist to aid in the definition of XML-based languages.

1. What does the namespaces represents in the XML documents? What are they used for?

* XML namespaces are used for providing uniquely named elements and attributes in an XML document. They are defined in a W3C recommendation.[1][2] An XML instance may contain element or attribute names from more than one XML vocabulary. If each vocabulary is given a namespace, the ambiguity between identically named elements or attributes can be resolved.