**EXPERIMENT 4**

**RELATIONAL MODEL FOR A SAILOR BOAT DATABASE**

**Aim:** Draw a relational model for sailors database

**Components of relational model:**

* **Attribute:**Each column in a table.
* **Tables:** In the relational model the relations are saved in the table format.
* **Tuple:** A single row of a table, which contains a single record.
* **Cardinality:** Total number of rows present in the table.
* **Column:** The column represents the set of values for a specific attribute.
* **Degree:** The total number of attributes which in the relation is called the degree of the relation.
* **Relation instance:** A finite set of tuples in the RDBMS system.
* **Attribute Domain:** Every attribute has some pre-defined value and scope which is known as attribute domain.
* **Schema:**Represents the name of the relation with its attributes.

**Relational Model for Sailors Database**



