**EXPERIMENT 4**

**RELATIONAL MODEL FOR A SAILOR BOAT DATABASE**

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

**Components of relational model:**

* **Tables :** In the relational model the relations are saved in the table format.
* **Attribute :** Each column in a table.
* **Tuple :** A single row of a table, which contains a single record.
* **Column :** The column represents the set of values for a specific attribute.
* **Cardinality :** Total number of rows present in the table.
* **Degree :** The total number of attributes in which the relation is called the degree of the relation.
* **Schema :** Represents the name of the relation with its attributes.
* **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 the attribute domain.

**Relational Model for Sailors Database**

