EXPERIMENT 4

RELATIONAL MODEL FOR SAILOR BOAT DATABASE

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

**Components of a relational model:**

**Attribute:** Each column in a Table.

**Tables** – Relations are saved in the table format. A table has two properties: rows and columns. Rows represent records and columns represent attributes.

**Tuple** – A single row of a table, which contains a single record.

**Relation Schema:** A relation schema represents the name of the relation with its attributes.

**Degree:** The total number of attributes which in the relation is called the degree of the relation.

**Cardinality:**Total number of rows present in the Table.

**Column:** The column represents the set of values for a specific attribute.

