**sql> create table sailor(sid int(4),name varchar(20) not null,dob date,gender varchar(10));**

**Query OK, 0 rows affected, 1 warning (0.28 sec)**

**mysql> desc sailor;**

**+--------+-------------+------+-----+---------+-------+**

**| Field | Type | Null | Key | Default | Extra |**

**+--------+-------------+------+-----+---------+-------+**

**| sid | int | YES | | NULL | |**

**| name | varchar(20) | NO | | NULL | |**

**| dob | date | YES | | NULL | |**

**| gender | varchar(10) | YES | | NULL | |**

**+--------+-------------+------+-----+---------+-------+**

**4 rows in set (0.00 sec)**

**mysql> create table boat(bid int(4),btype varchar(10),bname varchar(10) unique key,color varchar (10));**

**Query OK, 0 rows affected, 1 warning (0.02 sec)**

**mysql> desc boat;**

**+-------+-------------+------+-----+---------+-------+**

**| Field | Type | Null | Key | Default | Extra |**

**+-------+-------------+------+-----+---------+-------+**

**| bid | int | YES | | NULL | |**

**| btype | varchar(10) | YES | | NULL | |**

**| bname | varchar(10) | YES | UNI | NULL | |**

**| color | varchar(10) | YES | | NULL | |**

**+-------+-------------+------+-----+---------+-------+**

**4 rows in set (0.00 sec)**

**mysql> insert into boat values(1000,"s","speed boat","yellow");**

**Query OK, 1 row affected (0.01 sec)**

**mysql> insert into boat values(1001,"d","nice boat","green");**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into boat values(1002,"s","yachet","red");**

**Query OK, 1 row affected (0.00 sec)**

**mysql> select \* from boat;**

**+------+-------+------------+--------+**

**| bid | btype | bname | color |**

**+------+-------+------------+--------+**

**| 1000 | s | speed boat | yellow |**

**| 1001 | d | nice boat | green |**

**| 1002 | s | yachet | red |**

**+------+-------+------------+--------+**

**3 rows in set (0.00 sec)**

**mysql> alter table boat change bid bid int(5) primary key;**

**Query OK, 0 rows affected, 1 warning (0.06 sec)**

**Records: 0 Duplicates: 0 Warnings: 1**

**mysql> desc boat;**

**+-------+-------------+------+-----+---------+-------+**

**| Field | Type | Null | Key | Default | Extra |**

**+-------+-------------+------+-----+---------+-------+**

**| bid | int | NO | PRI | NULL | |**

**| btype | varchar(10) | YES | | NULL | |**

**| bname | varchar(10) | YES | UNI | NULL | |**

**| color | varchar(10) | YES | | NULL | |**

**+-------+-------------+------+-----+---------+-------+**

**4 rows in set (0.00 sec)**

**mysql> alter table sailor change sid sid int(10) primary key auto\_increament;**

**ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'auto\_increament' at line 1**

**mysql> alter table sailor change sid sid int(10) primary key auto\_increment;**

**Query OK, 0 rows affected, 1 warning (0.04 sec)**

**Records: 0 Duplicates: 0 Warnings: 1**

**mysql> desc sailor;**

**+--------+-------------+------+-----+---------+----------------+**

**| Field | Type | Null | Key | Default | Extra |**

**+--------+-------------+------+-----+---------+----------------+**

**| sid | int | NO | PRI | NULL | auto\_increment |**

**| name | varchar(20) | NO | | NULL | |**

**| dob | date | YES | | NULL | |**

**| gender | varchar(10) | YES | | NULL | |**

**+--------+-------------+------+-----+---------+----------------+**

**4 rows in set (0.00 sec)**

**mysql> create table sails(sid int,foreign key(sid) references sailor(sid),bid int,foreign key(bid) references boat(bid),dot date,shift char );**

**Query OK, 0 rows affected (0.02 sec)**

**mysql> desc sails;**

**+-------+---------+------+-----+---------+-------+**

**| Field | Type | Null | Key | Default | Extra |**

**+-------+---------+------+-----+---------+-------+**

**| sid | int | YES | MUL | NULL | |**

**| bid | int | YES | MUL | NULL | |**

**| dot | date | YES | | NULL | |**

**| shift | char(1) | YES | | NULL | |**

**+-------+---------+------+-----+---------+-------+**

**4 rows in set (0.00 sec)**