

DATABASE

22BCE0682
SIDDHANT BHAGAT

Creation:

```
SQL> create table Ships(shipname varchar2(10) not null, id number(10) primary key, launchedyear varchar2(10) not null);  
Table created.
```

```
SQL> create table Battles(battlename varchar2(10) primary key, dat varchar2(10) not null, shipname varchar2(10) not null, nships number(10) not null);  
Table created.
```

```
SQL> create table Outcomes(shipname varchar2(10) primary key, result varchar2(10) not null);  
Table created.
```

Insertion:

```
SQL> insert into Ships values('Yantra',10,'2006');  
1 row created.  
  
SQL> insert into Ships values('Zombie',12,'2007');  
1 row created.
```

```
SQL> insert into Ships values('Identify',15,'2009');  
1 row created.
```

```
SQL> insert into Ships values('Hello',76,'2015');  
1 row created.
```

```
SQL> insert into Battles values('Zhasi','2009-12-12','Yantra',22);  
1 row created.
```

```
SQL> insert into Battles values('Yolo','2010-10-11','Zombie',25);  
1 row created.  
  
SQL> insert into Battles values('Asymtoy','2011-11-13','Identify',36);  
1 row created.  
  
SQL> insert into Battles values('Hell','2012-12-16','Hello',77);  
1 row created.
```

```
SQL> insert into Outcomes values('Yantra','Win');  
1 row created.  
  
SQL> insert into Outcomes values('Zombie','Loss');  
1 row created.  
  
SQL> insert into Outcomes values('Identify','Win');  
1 row created.
```

```
SQL> insert into Outcomes values('Hello','Loss');
```

```
1 row created.
```

DISPLAYING THE CREATED TABLES:

```
SQL> select * from battles
2 ;

BATTLENAME  DAT          SHIPNAME      NSHIPS
-----
Zhasi       2009-12-12  Yantra        22
Yolo        2010-10-11  Zombie        25
Asymtoy     2011-11-13  Identify      36
Hell        2012-12-16  Hello         77

SQL> select * from ships
2 ;

SHIPNAME      ID LAUNCHEDYE
-----
Yantra        10 2006
Zombie        12 2007
Identify      15 2009
Hello         76 2015

SQL> select * from outcomes;

SHIPNAME      RESULT
-----
Yantra        Win
Zombie        Loss
Identify      Win
Hello         Loss
```

SELECTION:

Q1)

```
SQL> select Ships.shipname, Battles.battlename, Outcomes.result FROM SHIPS, BATTLES,OUTCOMES;
```

```
SQL> select ships.shipname,battles.battlename,outcomes.result from ships,battles, outcomes;
```

SHIPNAME	BATTLENAME	RESULT
Yantra	Asymtoy	Win
Yantra	Hell	Win
Yantra	Yolo	Win
Yantra	Zhasi	Win
Zombie	Asymtoy	Win
Zombie	Hell	Win
Zombie	Yolo	Win
Zombie	Zhasi	Win
Identify	Asymtoy	Win
Identify	Hell	Win
Identify	Yolo	Win

SHIPNAME	BATTLENAME	RESULT
Identify	Zhasi	Win
Hello	Asymtoy	Win
Hello	Hell	Win
Hello	Yolo	Win
Hello	Zhasi	Win
Yantra	Asymtoy	Loss
Yantra	Hell	Loss
Yantra	Yolo	Loss
Yantra	Zhasi	Loss
Zombie	Asymtoy	Loss
Zombie	Hell	Loss

SHIPNAME	BATTLENAME	RESULT
Zombie	Yolo	Loss
Zombie	Zhasi	Loss
Identify	Asymtoy	Loss
Identify	Hell	Loss
Identify	Yolo	Loss
Identify	Zhasi	Loss
Hello	Asymtoy	Loss
Hello	Hell	Loss
Hello	Yolo	Loss
Hello	Zhasi	Loss
Yantra	Asymtoy	Win

SHIPNAME	BATTLENAME	RESULT
Yantra	Hell	Win
Yantra	Yolo	Win
Yantra	Zhasi	Win
Zombie	Asymtoy	Win
Zombie	Hell	Win
Zombie	Yolo	Win
Zombie	Zhasi	Win
Identify	Asymtoy	Win
Identify	Hell	Win
Identify	Yolo	Win
Identify	Zhasi	Win

SHIPNAME	BATTLENAME	RESULT
Hello	Asymtoy	Win
Hello	Hell	Win
Hello	Yolo	Win
Hello	Zhasi	Win
Yantra	Asymtoy	Loss
Yantra	Hell	Loss
Yantra	Yolo	Loss
Yantra	Zhasi	Loss
Zombie	Asymtoy	Loss
Zombie	Hell	Loss
Zombie	Yolo	Loss

SHIPNAME	BATTLENAME	RESULT
Zombie	Zhasi	Loss
Identify	Asymtoy	Loss
Identify	Hell	Loss
Identify	Yolo	Loss
Identify	Zhasi	Loss
Hello	Asymtoy	Loss
Hello	Hell	Loss
Hello	Yolo	Loss
Hello	Zhasi	Loss

64 rows selected.

Q2)

```
SQL> select battles.battlename, outcomes.result from battles, outcomes;
```

```
SQL> select battles.battlename, outcomes.result from battles, outcomes;

BATTLENAME  RESULT
-----
Asymtoy      Win
Hell         Win
Yolo         Win
Zhasi        Win
Asymtoy      Loss
Hell         Loss
Yolo         Loss
Zhasi        Loss
Asymtoy      Win
Hell         Win
Yolo         Win

BATTLENAME  RESULT
-----
Zhasi        Win
Asymtoy      Loss
Hell         Loss
Yolo         Loss
Zhasi        Loss

16 rows selected.
```