NHL DB

NHL GAME DATABASE

TEAM

Name	City	Coach	PID

PLAYER

ID	Name	Position	Skill_Level	Tname	From_Date

INJURY RECORD

Date	Severity_Level	Description	PID

GAME

Host_Team	Guest_Team	Date	Score

Queries Used to CREATE and INSERT

```
    create table team(name varchar (20),city varchar (10),coach varchar (20)
not null,cpid int,primary key(name));
    create table player(id int,name varchar (20) not null,position varchar
(10),skill_level int not null,tname varchar (20),from_date date,primary
key(id),foreign key(tname) references team(name));
    create table injury_record(idate date,sev_level varchar (10),description
varchar (10),pid int,primary key (description, pid),foreign key(pid)
references player(id) on delete cascade);
    create table game(host_team varchar (10),guest_team varchar (10),gdate
date not null,score int not null,primary key (host_team, guest_team),foreign
key(host_team) references team (name)on delete set null,foreign
key(guest_team) references   team(name)on delete set null);

    alter table team add foreign key(cpid)references player(id);

    insert into player (id ,name,position,skill_level,tname,from_date date,)
```

```
values('Balbir Singh','Forward',5,'Lights Out','12-JAN-00'),
('Leslie','Midfeild',2,'Flying Elbows','03-MAR-01'),
('Charanjit','Fullbacks',3,'Zambronies','105-FEB-15'),
('Harmik','Sweeper',4,'Stick Figures','23-JUL-08'),('Ajit
Pal','Goalie',5,'Goals Galore','09-DEC-17');
    insert into team (name,city,coach,cpid) values('Flying
Elbows','HARIYANA','Sommayya',10),('Lights Out','GUJARAT','Pargat',20),
('Zambronies','BILASPUR','Dilip Tirkey',30),('Goals
Galore','PUNJAB','barat',40),('Stick Figures','COORG','P.R. Sreejesh',50);
    insert into injury_record (idate,sev_level,description,pid) values ('20-
DEC-00','HIGH','HAND',10),('12-JAN-99','MEDIUM','LEG',20),('13-JUL-
05','LOW','HEAD',10),('15-SEP-02','LOW','LEG',30),('17-NOV-
02','HIGH','HEAD',40);
    insert into game (host_team,guest_team,gdate,score) values ('Flying
Elbows','Lights Out','12-JAN-00',3),('Lights Out','Zambronies','03-MAR-
01',4),('Zambronies','Flying Elbows','23-JUL-08',4),('Goals Galore','Stick
Figures','05-FEB-15',3)('Goals Galore','Lights Out','09-DEC-17',3);
```

WEBSITE USED FOR MYSQL

Link : http://sqlfiddle.com/

Queries

1. List all the Players whose injury severity level is high and who's name starts with 'Ba'

```
select name from player p ,injury_record i
where(p.id = i.PID and
      SEV_LEVEL = 'High'
      and name like 'Ba%');
```

Name
Balbir Singh

2. Count the Host teams those who have participated in more than one game.

```sql
select host_team , count(host_team)
from game
group by host_team
having count(*)>1;
```

Host_team	Count(Host_Team)
Goals Galore	2

3. List the names of the Coach in ascending order.

```sql
select name,coach
from team
order by coach asc;
```

Name	Coach
Goals Galore	Bharat
Zambronies	Dilip Tirkey
Stick Figures	P.R. Sreejesh
Lights Out	Parget
Flying Elbows	Sommayya

4. List the names of the Players who started their career in Hockey league from year 2000 to 2010.

```sql
select id,name,from_date
from player
where from_date like '_____0_';
```

ID	Name	From_Date
10	Balbir Singh	12-JAN-00
20	Lesli	03-MAR-01
40	Harmik	23-JUL-08

5. Count the total number of Game scores by grouping score.

```
select score, count(*)
from game
group by score;
```

Score	Count(*)
4	2
3	3