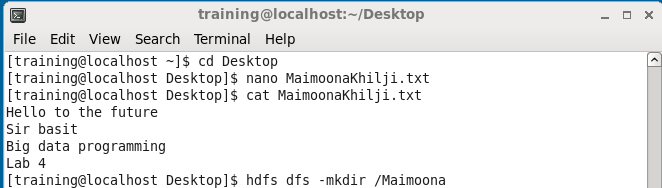
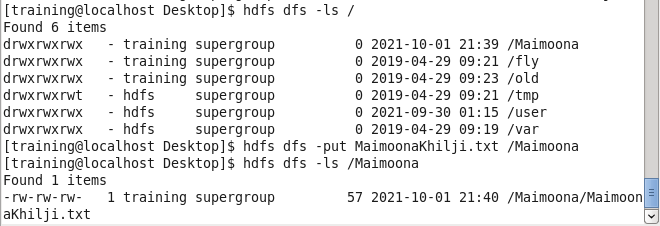
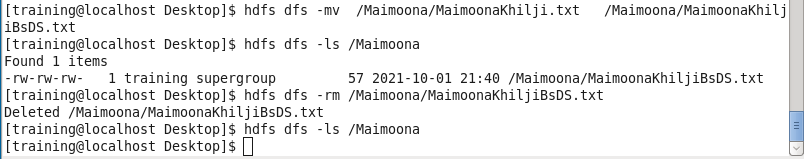
**HDFS**

1. Create a (Yourname).txt file in Cent OS  
   2. Write some information in that particular file.  
   3. Create a directory of your name in Hadoop File System.



4. Copy (Yourname).txt file from your Cent OS to Hadoop Environment.  
5. List the directory.



  
6. Rename (Yourname).txt file to (Yourname+BSDS).txt  
7. List the directory Attach Screenshot in Word Document.  
8. Write command to remove that (Yourname+BSDS).txt file.

**Hive**

SELECT \* FROM games;  
  
SELECT name,year,inventor FROM games;  
  
SELECT name, list\_price+5 FROM games;  
  
SELECT name, round(list\_price) FROM games;  
  
SELECT name, -list\_price FROM games;  
  
SELECT 5/2;  
  
SELECT concat(name, ' is for players age ',min\_age,' or older') FROM games;  
  
SELECT year+10 FROM games;  
  
SELECT DISTINCT min\_age FROM games;  
  
SELECT distinct concat(substring(year,1,3),"0s") from games;  
  
SELECT \* from games where list\_price<10;  
  
SELECT name from games where inventor='Elizabeth Magie';  
  
SELECT \* from wax.crayons where red+green+blue >650;  
  
SELECT color,red+green+blue as RGB from wax.crayons where red+green+blue >650;  
  
SELECT \* from games where max\_players>=6 and list\_price<=10;  
  
SELECT \* from games where NOT name="Risk";  
  
SELECT \* from games where name!="Risk";  
  
SELECT \* from games where NOT name = "Candy Land" and name="Risk";  
  
SELECT \* from games where NOT name = "Candy Land" OR name="Risk";  
  
SELECT \* from games where NOT name = "Candy Land" and NOT name="Risk";  
  
SELECT \* from games where NOT (name = "Candy Land" OR name="Risk");  
  
SELECT \* from games where name!= "Candy Land" and name!="Risk";  
  
SELECT count(\*) as num\_rows from default.employees;  
  
SELECT sum(salary) as total\_salary from default.employees;  
  
SELECT office\_id,count(\*) from employees where salary>35000 GROUP BY office\_id;  
  
  
SELECT min\_age,max\_players,count(\*) from fun.games GROUP BY min\_age,max\_players;  
  
SELECT min\_age from fun.games GROUP BY min\_age;  
  
SELECT distinct min\_age from fun.games;  
  
SELECT (list\_price\*1.25) FROM fun.games;  
  
SELECT round(price\*1.25,0) from fun.inventory;--21% tax  
  
  
SELECT concat(list\_price,"s") FROM fun.games;  
  
SELECT shop,sum( qty\*price) from fun.inventory GROUP BY shop;  
  
SELECT shop,sum( qty\*price) from fun.inventory GROUP BY shop having sum(qty\*price)>300;  
  
select shop, sum(qty)from fun.inventory WHERE price is NOT NULL group by shop ORDER BY shop;  
  
--quiz  
  
Select round(avg(dep\_delay)) as average\_oF\_dep\_delay from flights where sched\_dep\_time>1300;  
  
  
Select round(avg(air\_time)/60) as avg\_air from fly.flights;  
  
  
select manufacturer,count(\*) from planes group by manufacturer having count(\*)=1;  
  
  
SELECT origin, avg(dep\_delay) from flights group BY origin having avg(dep\_delay) > 30;  
  
  
Select \* from flights where carier =”AA” order by distance DESC, air\_time asc;  
  
select \* FROM toys join makers m on [m.id](http://m.id/) =toys.maker\_id;  
  
SELECT \* FROM employees FULL OUTER JOIN offices on employees.office\_id=offices.office\_id;  
  
SELECT employees.office\_id ,count(employees.empl\_id) as num FROM employees  
FULL OUTER JOIN offices on employees.office\_id=offices.office\_id  
group BY employees.office\_id;  
  
SELECT offices.city ,count(employees.empl\_id) as num\_employees FROM employees  
FULL OUTER JOIN offices on employees.office\_id=offices.office\_id  
group BY offices.city;  
  
SELECT offices.city ,count(employees.empl\_id) as num\_employees FROM employees  
RIGHT JOIN offices on employees.office\_id=offices.office\_id  
group BY offices.city;  
  
  
SELECT offices.city ,count(employees.empl\_id) as num\_employees FROM employees  
RIGHT JOIN offices on employees.office\_id=offices.office\_id  
group BY offices.city;

SELECT f.carrier,name,origin, dest,type,manufacturer,model,p.year,engines, seats,engine

From flights f Join airlines a ON (f.carrier =a.carrier)

join planes p on (f.tailnum = p.tailnum)

where origin ='BOS' OR dest='BOS';

CREATE view craft\_information As

SELECT f.carrier,name,origin, dest,type,manufacturer,model,p.year,engines, seats,engine

From flights f Join airlines a ON (f.carrier =a.carrier)

join planes p on (f.tailnum = p.tailnum);

SELECT \* from craft\_information where origin ='BOS' OR dest='BOS';

show TABLES;

DESCRIBE craft\_information;

DESCRIBE FORMATTED craft\_information;

ALTER VIEW craft\_information RENAME TO craft\_info;

SHOW TABLES;

ALTER VIEW craft\_info as SELECT DISTINCT carrier FROM flights;

SELECT \* from craft\_info;

DESCRIBE craft\_info;

drop view craft\_info;