

## Pifference between WHERE and HAVING HAVING. WHERE

i) HAVING Clause con't be used without GROUP BY command. 1) Used for selecting specific sow/ rows based on the condition.

2.) HAVING clause selects sous after grouping. 2) It can be used without GROUP BY.

3.) Cantains appregate functions. 3.) INHERE clause con't contain appreprie functions. 4.) Select & from student WHERE morks > 80;

4) eg. -> select name, mex (marks)

from student GROUPBY name
heving mer (marks) 770;



GROUP BY.

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Septex: - Select (column neme), agenerate funct.
from (testerrame) GROUP BY (column neme); 1) Select name, marks from student GROUP BY name; 2.) Select name, merks from student where merks 7=70 GROUP BY name; 3.) Select name, sum (mesks) from student GROUPBY name; (4.) 11 11 11 11 heving sym(mest) >75. S.) Select neme, count (city) from student group by name; 6.) 11 11 11 11 11 11 11 4 herry count (city) > 1;





There sale Sal John are used to John nows from two or more testes.

Cortesian broduct. - ) used to join nows from one teble

to another.

-) Also celled cross-join or cross-product.

9t/s a binery operation and sepresented

= AXB Ly Certerlan product.

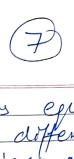


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nemed stud and games G. -> have & festes Rollno. name. select x. from testet, tested; Syntex!ey. select + from stud, games; Equi-Join: - 9t uses [=] operator and used to establish the seletaiship between two tables on the basts of primery key and foreign key concept. Syntex. Select & from tested, tested where tested foreign Key; or teste 1. collemnneme = teste 2. column nembe,

Polnisykey. Roll No. Buskryne City Mesks 30 Select + from student, busies where Student. rollno = busies rollno; So, for student teste and b for books teste.

So, for same query can be written as. Select + from student 3, books b where s. vollno;



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It is equivelent to Equi-Join only difference it eliminates the duplicacy of the same column name used for primery and foreign Key. Making JOW!

select + from tested NATURAL John tester, eg. -> Select & from student NATURAL Join Buyes;