5 operations

1 Create (table)

2. insert ( registration, contact, feedback, upload, post...)

3. Select / read ( display, view posts, links)

4. Update ( update profile, change password )

5. Delete ( Delete some info)

create

--- Its used to create the new table

create table tablename(colname1 datatype constaint ,colname2...);

create table products(pid int primary key, pname varchar(50), pcost float,pdesc varchar(100))

|  |  |  |  |
| --- | --- | --- | --- |
| pid | pname | pcost | pdesc |

insert

its used to insert new record / data into the table

syntax:

insert into tablename(col1,col2,...) values(v1,v2,...)

Ex:

insert into products(pid,pname,pcost,pdesc) values(1,'tv',20000,'red in color')

insert into products(pid,pname,pcost) values(1,'mobile',10000)

insert into products(pname,pid) values('pc',3)

|  |  |  |  |
| --- | --- | --- | --- |
| pid | pname | pcost | pdesc |
| 1 | tv | 20000 | Red in color |
| 2 | mobile | 10000 |  |
| 3 | pc |  |  |

update

it will update / modify the existing data

sy:

update tablename set col=v1,col=val2 where condition;

update products set pdesc='good';

update products set pdesc='bad' where pid=2;

update products set pcost=3000,pdesc='test' where pid=3;

|  |  |  |  |
| --- | --- | --- | --- |
| pid | pname | Pcost | pdesc |
| 1 | tv | 20000 | good |
| 2 | mobile | 10000 | bad |
| 3 | pc | 3000 | good |

delete

delete is used to delete the records

delete from tablename where condition

|  |  |  |  |
| --- | --- | --- | --- |
| pid | pname | pcost | pdesc |
| 1 | tv | 20000 | good |
| 2 | mobile | 10000 | bad |
| 3 | pc | 3000 | testt |

delete from products;

|  |  |  |  |
| --- | --- | --- | --- |
| pid | pname | pcost | pdesc |

drop table tablename;

delete from products where pid=3;

|  |  |  |  |
| --- | --- | --- | --- |
| pid | Pname | pcost | pdesc |
| 1 | Tv | 20000 | good |
| 2 | Mobile | 10000 | bad |

Select

To view the data

select \* from products;

|  |  |  |  |
| --- | --- | --- | --- |
| pid | pname | pcost | pdesc |
| 1 | tv | 20000 | good |
| 2 | mobile | 10000 | bad |
| 3 | pc | 3000 | testt |

select \* from products where pid=3;

select \* from products where pid in (10,20);

select \* from product where pid between 10 and 20;

select \* from products where pid<3 and pcost>10000;

select \* from products where pid<3 or pcost>10000;

select \* from products order by pname asc;

select \* from products order by pname desc;