Why we need Override Equals

```
Let take example: Person {

public static void main ( args[]) }

Person p1 = new Person (10, "jyoti");

Person p2 = new Person (10, "jyoti");

$.0.P (P1 == P2); // False 2.]

}
```

int id; int name; As equals method present in the objects. Grey check reference of objects.

That's according to it, equals method return feelse.

We need to overvide the Equals Method.

public boolean equals (Porson P)

if (P== this)
vetroin false;

else if (this.id == P.id ff

this.name == P.name)

return toue;

y

When we overwide equals method than 5.0.P (PI.equals(P2); => TRUE

NOW over class working fine.

Why we override the hashcode()

linked Hash Set < Porson > ll = new Linked Hash Set < Porson > ();

ll. add (Pl); ll. add (Pa); //

5.0.P(ll); [10 jyohi, 10 jyohi] ? how Set allow dublicate values.

because hasheode Pl & P2 are different because of that Set

treats them different obj although heuring values are same

overeside the hashcode ().

public int hashcode ()

f return this hame %10;

Now, has code of PIPP2 are same Set boat them same object.

S.O. P (IL); [10, jyoti);

contract

If two object are equal by equals () then hasheade of two object must be same.

If has heade of 2 objects are some, still 206 ja can be equal or not, defeend on equal method.