Class with sharing and without sharing in Salesforce

With Sharing - Enforce the sharing rules that apply to current user.
Without Sharing - Doesn't enforce the sharing rules.

If a class is not declared as either with or without sharing, the current sharing rules remain in effect. This means that if the class is called by a class that has sharing enforced, then sharing is enforced for the called class.

Example:

```
public with sharing class CWith
{
  // All code in this class operates with enforced sharing rules.


  Account a = [SELECT . . . ];

  public void m()
  {
    . . .
  }

}

public without sharing class CWithout
{
  // All code in this class ignores sharing rules and operates

  // as if the context user has the Modify All Data permission.

  public void m()
  {
    . . .

    // This call into CWith operates with enforced sharing rules

    // for the context user. When the call finishes, the code execution
```

```
  // returns to without sharing mode.

  CWith.m();
}


public class CInner
{
  // All code in this class executes with the same sharing context

  // as the code that calls it.

  // Inner classes are separate from outer classes.

  . . .

  // Again, this call into CWith operates with enforced sharing rules

  // for the context user, regardless of the class that initially called this inner class.

  // When the call finishes, the code execution returns to the sharing mode that was used to call this inner class.

  CWith.m();
}

public class CInnerWithOut exends CWithout
{
  // All code in this class ignores sharing rules because

  // this class extends a parent class that ignores sharing rules.

}
}
```