**Defect Life Cycle :**

1. **New**: Defect is reported.
2. **Assigned**: Defect is assigned to a developer.
3. **Open (Acknowledged)**: Developer acknowledges the issue and investigates.
4. **In Progress**: Development work is being done to fix the defect.
5. **Fixed**: The defect is fixed by the developer and the code change is applied.
6. **Retest**: The fix is verified by the tester, and regression testing may be performed.
7. **Closed**: The defect is resolved, and no further action is needed.
8. **Reopened**: The defect is reopened if it reappears or was not properly fixed.
9. **Deferred/Won’t Fix**: The defect is postponed or deemed unnecessary.
10. **Rejected**: The defect is invalid or caused by misunderstanding.
11. **Duplicate**: The defect is a duplicate of an existing defect.