Tenses are used to indicate the time of an action or event. They help in structuring sentences to convey meaning effectively. There are **three main tenses**, each with four subcategories.

1. Present Tense (Indicates actions happening now or general truths)

a) Simple Present

- Structure: Subject + V1 (base form) + (s/es) + Object
- Example: She writes code.
- Usage: Facts, habitual actions, general truths

b) Present Continuous

- **Structure:** Subject + is/am/are + V1 + ing + Object
- Example: He is debugging the program.
- Usage: Ongoing actions, temporary actions

c) Present Perfect

- Structure: Subject + has/have + V3 (past participle) + Object
- Example: They have completed the project.
- Usage: Completed actions with present relevance

d) Present Perfect Continuous

- Structure: Subject + has/have been + V1 + ing + Object
- Example: She has been coding for 5 hours.
- Usage: Actions continuing from the past to present

2. Past Tense (Indicates actions that happened in the past)

a) Simple Past

- Structure: Subject + V2 (past form) + Object
- Example: He developed an app.
- Usage: Completed past actions

b) Past Continuous

- Structure: Subject + was/were + V1 + ing + Object
- **Example:** They were testing the software.
- Usage: Ongoing past actions, interrupted actions

c) Past Perfect

- Structure: Subject + had + V3 + Object
- Example: She had finished the coding before the deadline.
- Usage: Actions completed before another past action

d) Past Perfect Continuous

- Structure: Subject + had been + V1 + ing + Object
- Example: They had been debugging the program for two hours before the crash.
- Usage: Long past actions before another past event

3. Future Tense (Indicates actions that will happen)

a) Simple Future

- Structure: Subject + will/shall + V1 + Object
- **Example:** He will deploy the application tomorrow.
- Usage: Future actions, promises, predictions

b) Future Continuous

- Structure: Subject + will be + V1 + ing + Object
- **Example:** They will be testing the new feature.
- Usage: Ongoing future actions

c) Future Perfect

- Structure: Subject + will have + V3 + Object
- Example: She will have completed the project by next week.
- Usage: Actions completed before a future time

d) Future Perfect Continuous

- Structure: Subject + will have been + V1 + ing + Object
- Example: By next year, they will have been working on this AI model for five years.
- Usage: Long ongoing actions in the future