Day - 09 Lecture Notes

📝 **Goal - Build a silent bidder system**

Topics Covered :

- Dictionaries: `{key: value}` — A collection of key-value pairs.

- Access value: `print(dict['key'])` — Retrieves the value associated with the key.

- KeyError: Raised when trying to access a non-existent key in a dictionary.

- Add new entry/Edit an item: `dict['key'] = 'value'` — Adds a new key-value pair to the dictionary or Updates the value for an existing key.

- Empty dictionary: `{}` — Creates an empty dictionary.

- Wipe a dictionary: `dict.clear()` — Removes all items from the dictionary.

- Loop through a dictionary: `for key in dict` — Iterates through keys.

- **Values**: `dict.values()` — Returns a view of all values.

- **Items**: `dict.items()` — Returns a view of key-value pairs.

- **Keys**: `dict.keys()` or `dict` — Returns a view of all keys.

- Nested list in dict: `{key: [1, 2, 3]}` — Dictionary with lists as values.

- Access items: `dict['key']` — Retrieve items using keys.

- Bud : An error in a program that prevents the program from running as expected.

- Function : A pair of code that you can easily call over and over again.

- Loop : The action of doing something over and over again.