Python Practice Notes - Telugu + English

1. To-Do List

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A to-do list is a list of daily tasks. We can add, remove, or sort tasks using list methods.

Useful Methods:

- append() - Add at end

- insert() - Add at position

- remove() - Remove item

- sort() - Sort alphabetically

Example:

```
tasks = ["wake up", "study", "exercise"]
tasks.append("complete homework")
tasks.insert(1, "brush teeth")
tasks.remove("exercise")
tasks.sort()
```

2. Marks Grading System

2. Marks List with Grading

Store marks in a list, find average, and use if-else to give grades.

Useful Functions:

- sum() - Total marks

- len() - Number of subjects

- if-elif-else - Grade logic

Example:

```
marks = [85, 72, 90, 60, 49]
```

```python
average = sum(marks) / len(marks)
if average >= 85:
    print("Grade A")
elif average >= 70:
    print("Grade B")
elif average >= 50:
    print("Grade C")
else:
    print("Fail")
```

3. Mini Game: Guess the Number

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Computer selects a secret number. User guesses it using input().

Useful Concepts:

- input() - Take user input

- int() - Convert string to number

- if - Check if guess is correct

Example:

```python
secret = 7
guess = int(input("Guess a number between 1 and 10: "))
if guess == secret:
    print("Correct! You guessed it.")
else:
    print("Wrong! Try again.")
```