1. Write a Python function that takes a string and returns a dictionary with the count of each unique word. Ignore case and punctuation.

Example:-

```
input_text = "Hello world! Hello Python."
output = {"hello": 2, "world": 1, "python": 1}
```

2. The following function is inefficient. Optimize it for better performance.

Task: Rewrite the function to reduce time complexity.

3. Build a Simple API Using Flask (or Django, if preferred)

Create a RESTful API that allows users to manage a simple "To-Do List."

## Requirements:

- 1. Use Flask (or Django/FastAPI) to create an API with the following endpoints:
  - POST /tasks → Add a new task
  - GET /tasks → Get all tasks
  - o PUT /tasks/<task\_id> → Update a task
  - DELETE /tasks/<task id> → Delete a task
- 2. Store tasks in a list (or a database if comfortable).
- 3. Ensure error handling (e.g., task not found, invalid input).

Please share the following line items within a recorded video

- 1. Selfie Video Introduction Talking about yourself, your interests, what makes you stand out. Your biggest strengths and weakness
- 2. Please talk about the most significant technical problem you had to solve while building a project