

 DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	<b>Dr D Y Patil Pratishthan's Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune</b>	DI No.: <b>ACAD/DI/72</b>
<b>Academic Year:</b> 2025-26	<b>Weekly Report Format for Internship</b>	<b>Revision : 00 Dated :</b> <b>20/11/2019</b>
<b>Term - II</b>	<b>Department : Computer Engineering</b>	<b>Date of Preparation :</b> <b>14/02/2026</b>

### **Weekly Report Format for Internship**

**Roll No:** 23101

**Name of the Student:** Ruhan Saad Dave

**Name of the Company:** CODTECH IT SOLUTIONS PVT.LTD

**Domain of Internship:** Artificial Intelligence

**Name of the Internal Guide:** Akanksha Kulkarni

**Name of the External Guide:** Neela Santhosh Kumar

**Duration of Internship:** 03 Jan 2026 to 14 Feb 2026

**Week-II Dates:** 10/01/2026 to 17/01/2026

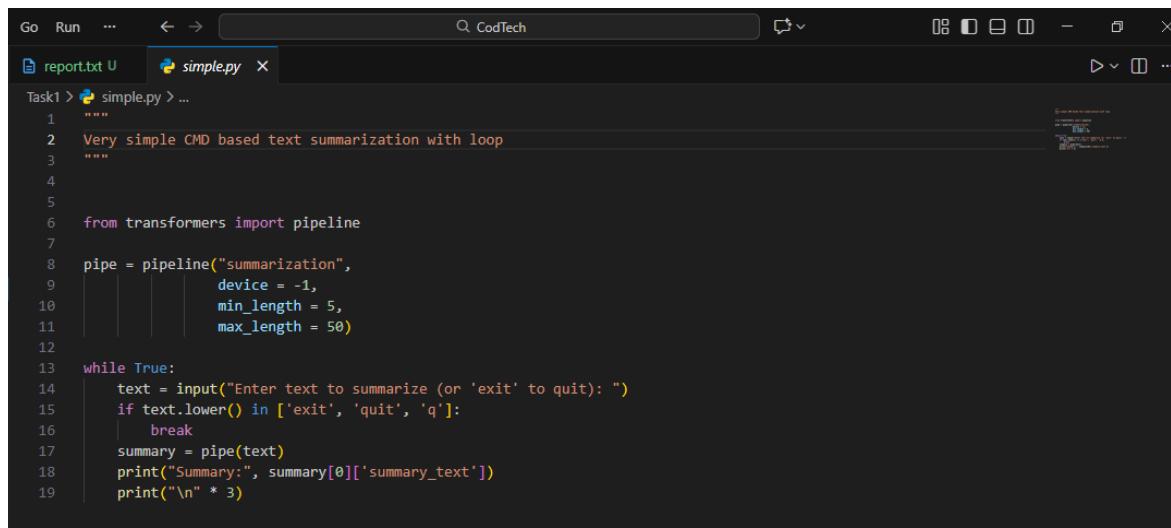
#### **Description of Work Done Till Date (Week 2):**

##### **Task 1 - Text Summarization (Initial Version)**

- Developed the core functionality for the Text Summarization tool.
- Implemented a command-line interface (CLI) that accepts text input from the user.
- Utilized the Hugging Face ‘pipeline()’ function with the ‘facebook/bart-large-cnn’ pre-trained model to perform the summarization.
- Integrated the PyTorch library, a necessary dependency for the summarization pipeline.
- Tested the initial version of the tool to ensure the basic requirements were met and the summarization was accurate.

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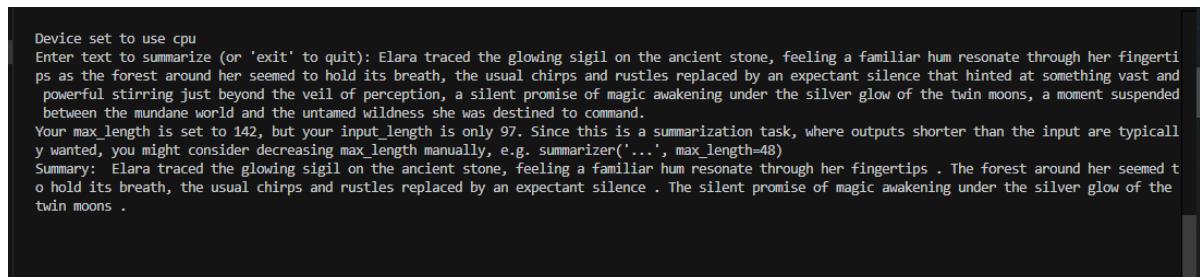
## Supporting Documents:



```

Go Run ... ← → Q CodTech
report.txt simple.py ×
Task1 > simple.py > ...
1 """
2 Very simple CMD based text summarization with loop
3 """
4
5
6 from transformers import pipeline
7
8 pipe = pipeline("summarization",
9 |     device = -1,
10 |     min_length = 5,
11 |     max_length = 50)
12
13 while True:
14     text = input("Enter text to summarize (or 'exit' to quit): ")
15     if text.lower() in ['exit', 'quit', 'q']:
16         break
17     summary = pipe(text)
18     print("Summary:", summary[0]['summary_text'])
19     print("\n" * 3)

```



```

Device set to use cpu
Enter text to summarize (or 'exit' to quit): Elara traced the glowing sigil on the ancient stone, feeling a familiar hum resonate through her fingertips as the forest around her seemed to hold its breath, the usual chirps and rustles replaced by an expectant silence that hinted at something vast and powerful stirring just beyond the veil of perception, a silent promise of magic awakening under the silver glow of the twin moons, a moment suspended between the mundane world and the untamed wildness she was destined to command.
Your max_length is set to 142, but your input_length is only 97. Since this is a summarization task, where outputs shorter than the input are typically wanted, you might consider decreasing max_length manually, e.g. summarizer(..., max_length=48)
Summary: Elara traced the glowing sigil on the ancient stone, feeling a familiar hum resonate through her fingertips . The forest around her seemed to hold its breath, the usual chirps and rustles replaced by an expectant silence . The silent promise of magic awakening under the silver glow of the twin moons .

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**Student Sign**

**Internal Guide Sign**