**EXP.NO 07 Exploration of Prompting Techniques for Audio Generation**

**AIM:**

To explore various prompting techniques for generating audio using AI models. The goal is to understand how different types of prompts influence the generation of audio, such as music, sound effects, or speech, and how to optimize these prompts for specific needs.

**AI** **USED**: RESEMBLE AI for audio generation.

**PROCEDURE:**

**Step 1: Craft the Content:**

* + Use clear conscience and engaging language suitable for audio delivery.
  + Structure the message with an introduction, main content, and conclusion.

1. **Specify Tone and Style:**
   * Decide on the tone (e.g., professional, casual, enthusiastic) and ensure the language reflects this.
   * Add pauses, emphasis, or intonation cues for natural delivery.

**3: Choose an AI Text-to-Speech (TTS) Tool:**

Here we are using, RESEMBLEAI as an AI speech to text tool to generate our audio. [Resemble AI - Custom AI Generated Voices](https://app.resemble.ai/)

**Step 4: Input and Customize the Script**

1. **Paste the Script:** Copy the prepared text into the AI TTS tool’s input field.
2. **Adjust Settings:** Modify pitch, speed, and intonation as needed to achieve a natural and appealing delivery.

**GENERATED AUDIO OUTPUT:**

https://drive.google.com/file/d/1PTRWUZZS5kYhOp0y6iHTOqOjeQKF7q5D/view?usp=sharing

**RESULT:**

Thus, The experiment explored various prompting techniques for AI-generated audio, demonstrating how different prompts influence the creation of music, sound effects, and speech. It highlighted strategies to optimize prompts for specific needs, enhancing the precision and quality of audio outputs tailored to diverse applications.