

## Inputs for the GPT-2 code

### **Programming Related Prompts**

1. Write a C function to calculate the factorial of a number.
2. Explain the difference between a stack and a queue in data structures.
3. Write a Python script to check if a number is a palindrome.
4. What is object-oriented programming in Java?

### **Educational / Explanatory Prompts**

5. What is machine learning?
6. Explain Newton's laws of motion.
7. Describe the working of an electric motor.
8. What is the function of the CPU in a computer?

### **Conversational Starters**

9. Tell me a short story about a robot and a child.
10. Write a motivational quote.
11. Give me an introduction speech for a college function.
12. Create a dialogue between two AI assistants discussing the future.

### **Creative Writing Prompts**

13. Begin a fantasy story in a magical forest.
14. Write the first paragraph of a horror novel.
15. Describe an alien visiting Earth for the first time.

### **Career/Professional Prompts**

16. Write a resume objective for a computer science student.
17. Create a professional email requesting internship opportunity.
18. Write an SOP (Statement of Purpose) for MS in Artificial Intelligence.

### **AI & Tech Specific Prompts**

19. What is ChatGPT and how does it work?
20. Describe the architecture of a transformer model.
21. What are the limitations of GPT models?

### **Science & Fun Facts**

22. Why does ice float on water?
23. What are black holes?
24. Tell me 5 fun facts about space.