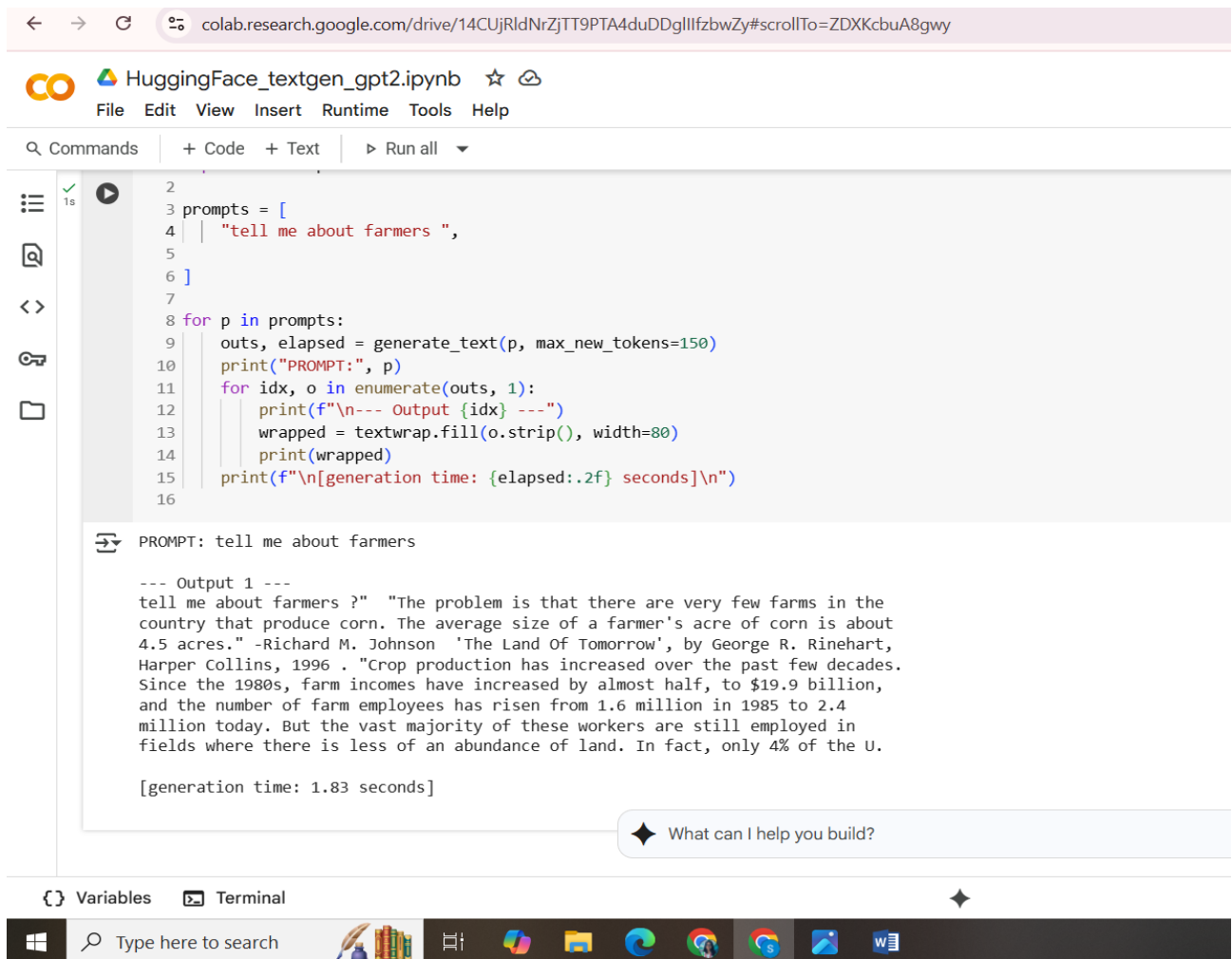# Assignment 3 (Hugging Face Model_GPT_2)

I have used google colab IDE (because python and jupyter notebook was giving me various errors and the storage issues.

This is the Google colab link:
https://colab.research.google.com/drive/14CUjRldNrZjTT9PTA4duDDglIIfzbwZy?usp=sharing

Experiments on text generation:

△ HuggingFace_textgen_gpt2.ipynb ☆ ☁

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```python
1  import textwrap
2
3  prompts = [
4      "tell me superscience",
5      "what is the meaning of life"
6
7  ]
8
9  for p in prompts:
10     outs, elapsed = generate_text(p, max_new_tokens=150)
11     print("PROMPT:", p)
12     for idx, o in enumerate(outs, 1):
13         print(f"\n--- Output {idx} ---")
14         wrapped = textwrap.fill(o.strip(), width=80)
15         print(wrapped)
16     print(f"\n[generation time: {elapsed:.2f} seconds]\n")
17
```

PROMPT: tell me superscience

--- Output 1 ---
tell me superscience. My first thought was that the idea of a superman in a
suit, a superhero, who could walk around like a real person and walk like the
Terminator, was something that I'd never thought about before. But I quickly
realized that wasn't what the story was about. That it was a story about two
superhumans who have just been transformed into different people. They're a lot
like one another and we're in the same world, but we have to fight to save the
world from this new world and to have a good time. It's a great movie. How did
you approach the series? -I'm a big fan of the comic book series. I've read a
few other comics about superheroes, and I like

[generation time: 1.54 seconds]

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16    print(f"\n[generation time: {elapsed:.2f} seconds]\n")
17
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[generation time: 1.54 seconds]

PROMPT: what is the meaning of life

--- Output 1 ---
what is the meaning of life in the world? "The basic question is that, if life
is, in most cases, a question of value to the individual, and if there is a
value in all things, then this value must be a particular thing, or a universal
thing. It must not be, for example, something to be bought, but something of
that kind, which is something useful to society as a whole. And that's why there
are various things of which value is one. If we want to take a different view,
we'll look at what is 'good' and what 'bad' in terms of what you get out of
this. But we're not going to look for something that will be perfect. We're
going back to some fundamental

[generation time: 1.52 seconds]

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