SECTION 5: BONUS SECTION

Question:
Write ~150 words on:
- **How you'd support students struggling with concepts or deadlines.**
- **How you would break down a complex topic like "Gradient Descent" for beginners.**

I would establish a transparent, accepting environment where students feel free to ask questions to help them who are having trouble understanding ideas or meeting deadlines. I would implement adaptable learning tools like study circles with peers, flashcards, and brief video explainers. Regarding deadline concerns, I would advise them to divide work into digestible portions and use tools such as Kanban boards to track their progress.

I would utilize an intuitive and visual method to convey difficult concepts like gradient descent, likening it to descending a mountain in fog where the slope directs each step. I would combine this with animations or graphical representations using the **GeoGebra** tool and a practical Python demonstration utilizing basic functions. To make learning active rather than passive, I would administer a brief interactive test in which each response dynamically displays the gradient direction.