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| **Exit Ticket Answer Key** |
| **Instructions:** Answer the following questions.* 1. What is a function in programming, and why is it important?

Answer: A function is a block of code that performs a specific task. Functions are important because they help organize code, make it reusable, and simplify complex problems.* 1. Describe one way you used Copilot to help you write a function today.

Answer: I used Copilot to generate a function that checks if a number is even. I wrote a comment describing the task, and Copilot provided the correct function code.* 1. What is one advantage and one limitation of using AI tools such as Copilot in programming?

Answer: Advantage: AI tools can speed up the coding process by providing quick solutions. Limitation: AI tools may not always understand the specific context or requirements of the task.* 1. How did using functions help you organize your code today?

Answer: Using functions allowed me to break down the problem into smaller, manageable parts, making the code easier to read and debug.* 1. In what ways did Copilot assist you, and in what ways did you find it challenging to use?

Answer: Copilot helped by quickly generating code for specific tasks. However, I found it challenging when Copilot’s suggestions did not fully match my needs, requiring me to make adjustments.* 1. Do you think AI tools should be a regular part of programming education? Why or why not?

Answer: Yes, because they can help beginners learn faster and reduce the frustration of coding errors. However, it is also important to learn how to code independently. |