

Name:

Date:

Class:

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.

2. 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.

3. 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.

4. 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.

5. 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.

6. 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.