Section 3 Quiz - Recap Programming Fundamentals

1. Why is Javascript important for us?
   (This was discussed in lecture 'NodeJS & JavaScript)
       a. It is just an excellent language.
       b. It provides us with tooling for Solidity.
       c. It works in the blockchain.
   Correct Answer: Option b – It provides us with tooling for Solidity.

   Explanation:
   Option a - While that is true, it is not the correct answer.
   Option b - Good job! This is correct.
   Option c – This is an incorrect answer. In fact, it does not.

2. How are floating numbers best represented in Solidity?
   (This was discussed in lecture 'Solidity Fundamentals')
       a. As a "float" variable.
       b. As a "string" variable.
       c. As a "uint256" variable.
   Correct Answer: Option c – As a "uint256" variable.

   Explanation:
   Option a – No, this does not work.
   Option b – Possible but not practical.
   Option c – Yes, this way we store all digits in an integer variable.

3. What is the most popular way to have conditions in programming?
   (This was discussed in lecture 'Programming Logic')
       a. With a "condition" statement.
       b. Using the "while" instructor.
       c. Using "if" and "else" statements.
   Correct Answer: Option c – Using "if" and "else" statements.

   Explanation:
   Option a – That is false
   Option b – Not 100% false but not the correct answer.
   Option c – Good job!

4. What is the standard for "normal" tokens?
   (This was discussed in lecture 'Standards')
       a. ERC721
       b. ERC-4337
       c. ERC20
   Correct Answer: Option c – ERC20

Explanation:

Option a – No, this is an NFT standard.

Option b – Not correct.

Option c – Yes, that is true!