Primitive Data Types Quiz

1. **The String primitive data type has no methods.**

   False

   ## True

   - **EXPLANATION**
     - The Object type is the only data type in JavaScript that has methods. The String Primitive data type is wrapped by a `String` object that has methods - but the String primitive itself has no methods.

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2. **The Object Data Type is immutable.**

   True

   ## False

   - **EXPLANATION**
     - JS Primitive Data Types are immutable - and an Object is not a primitive data type.

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3. **Which of the following choices is a primitive data type in JavaScript?**

   ## Symbol

   ## undefined

   `Object`

   ## Boolean

   ## String

   `Array`

   - **EXPLANATION**
     - EVERYTHING CHOICE ABOVE IS A PRIMITIVE DATA TYPE EXCEPT FOR THE OBJECT TYPE AND AN ARRAY. AN OBJECT IS NOT A PRIMITIVE DATA TYPE IN JAVASCRIPT AND AN ARRAY IS A TYPE OF OBJECT.

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```
const cat = {
  name: "Jet",
  noise: function() {
    console.log("MEOW");
  }
};
```

4. **The above `noise` function is a method of the `cat` object.**

   False

   ## True

   - **EXPLANATION**
     - A method is a function that belongs to an object. In the above example the `noise` function belongs to the `cat` object making it a method of that object.

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5. **The Object data type is the only JavaScript data type that has methods.**

   ## True

   False

   - **EXPLANATION**
     - The Object type is the only data type in JavaScript that has methods.