JAVASCRIPT	BHAILANGUAGE
• **Type**: High-level, dynamically typed	Toy programming language
• **Use Cases** :Web development, server-side applications, mobile apps	Educational, entertainment, and fun coding
• **Syntax** : C-like syntax with curly braces and semicolons	Conversational Hindi syntax (e.g., "hi bhai")
• **Community and Ecosystem** : Large community, extensive libraries and frameworks (React, Angular, etc.)	Small community, limited resources
• **Performance** : Highly optimized engines (e.g., V8) for high performance	Not optimized for performance
• **Learning Curve** : Moderate to steep, with complexities in asynchronous programming	Easy to learn, friendly for beginners
• **Popularity** : One of the most popular programming languages worldwide	Niche language, primarily for fun
• **Development Environment** | Widely supported in browsers and server environments	Limited support, primarily for educational purposes
• **Error Handling** : Robust error handling with try-catch blocks	Simplistic error handling, primarily for learning
• **Interactivity** :Highly interactive, supports DOM manipulation	Limited interactivity, designed for simple tasks
• **Execution Environment** :Runs in browsers and on servers (Node.js)	Primarily runs in a controlled environment for learning

- program example
- Hello world
- console.log("Hello, World!");

Variable Declaration and Arithmetic
```
1let a = 50;
2let b = 20;
3let sum = a + b;
4console.log("Sum:", sum);
```

Conditional Statement
```
if (a < b) {
  console.log("b is smaller than a");
}
 else {
  console.log("a is greater than or equal to b");
}
```

Function Example
```
function greet(name) {
  return "Hello, " + name + "!";
}
console.log(greet("Alice")); // Outputs: Hello, Alice!
```

Loop Example
```
for (let i = 0; i < 5; i++) {
  console.log("Iteration:", i);
}
```

Bhailang Examples
Hello World
```
bhai main
  bol bhai "HELLO EVERYONE";
bhai end
```

Variable Declaration and Arithmetic
```
bhai main
  bhai ye hai a = 50;
  bhai ye hai b = 20;
  bhai ye hai sum = a + b;
  bol bhai "Sum: " + sum; // Outputs: Sum: 70
bhai end
```
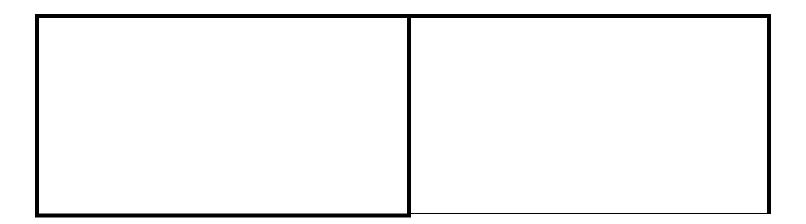**Conditional Statement**
```
bhai main
  bhai ye hai a = 50;
  bhai ye hai b = 20;
  agar bhai (a < b) {
    bol bhai "b a se chota haii";
  }
  warna bhai {
    bol bhai "a b se motha hai";
  }
bhai end
```
Function Example
```
bhai greet(name)
  bol bhai "Hello, " + name + "!";
bhai main
  greet("Alice"); // Outputs: Hello, Alice!
bhai end
```

Loop Example
```
bhai main
  bhai ye hai i = 0;
  jab tak (i < 5) {
    bol bhai "Iteration: " + i;
    i = i + 1; // Increment i
  }
bhai end
```

Summary of Examples

- **Hello World**: Both languages demonstrate a simple output.

- **Variable Declaration and Arithmetic**: Shows how to declare variables and perform operations.

- **Conditional Statements**: Illustrate basic decision-making.

- **Function Example**: Defines and calls a function.

- **Loop Example**: Demonstrates iteration through a loop.