1. Checking support for different aspects of the language (Compilation):

- License

- Data Objects

- Meta data

- Free attributes

- Related attributes

- Comments

- Varargs

- Abstract objects, partial application of attributes

- Anonymous objects

- Decoration

- Dot notation, Reverse dot notation

- Constant objects - !

- Pointer to parent - ^

- Pointer to current object - $

- Vertical and horizontal code alignment

- Scope Brackets

- Array Object

- Atoms

- Recursion

- Program compilation speed test

2.Program Compilation & Execution Tests

- Abstract objects, partial application of attributes

- Decoration

- Dot notation, Reverse dot notation

- Constant objects - !

- Pointer to parent

- Vertical and horizontal code alignment

- Scope Brackets

- Recursion

1. Runtime library check (Compilation, Execution and Comparison of Results):
2. Program Execution Speed Testing (Compilation, Execution, Comparison of Results):

- Fibonacci numbers

- Factorial calculation

1. Memory Usage Testing (Compilation, Execution and Comparison of Results):

- Array sorting