

# ENG Programming Language

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## Introduction

ENG is a lightweight interpreted programming language designed for educational and scripting purposes. It has Python-like syntax and allows users to define variables, write control flow structures, and call custom functions in a simplified format.

## Syntax Guide

Variables:

```
let name = "value"
```

Input:

```
let name = input "Prompt" str|int|float|bool
```

Output:

```
say "Hello, " + name
```

Conditionals:

if condition:

```
say "..."
```

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end

Loops:

repeat N times:

say "looping"

end

Functions:

define greet(person):

say "Hi " + person

end

call greet("Alice")

## Supported Data Structures

Lists:

let items = list()

call items.append("value")

call items.pop()

call items.remove("value")

call items.clear()

call items.sort()

call items.reverse()

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Dictionaries:

```
let user = dict()  
  
call user.update({"key": "value"})  
  
call user.get("key")  
  
call user.keys()  
  
call user.values()  
  
call user.items()
```

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### Contact

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