1 Assembly Listing with NASM Syntax

Listing 1: Assembly listing with NASM syntax using the custom language `nasm/lang` and the custom style `nasm/style`.

```nasm
extern printf
extern exit
global _start

[section .text]
_start:
        mov     rdi, hello ; arg1: "hello world\n"
        call    printf      ; printf("hello world\n")
        mov     rdi, 0     ; arg1: 0
        call    exit        ; exit(0)

[section .rodata]
hello:
        db      'hello world', 10, 0
```

2 C Listing

Listing 2: C listing using the default C language and the custom style `c/style`.

```c
#include <stdio.h>

// main prints "hello world" to standard output.
int main(int argc, char **argv) {
  printf("hello world\n");
  return 0;
}
```

3 Go Listing

Listing 3: Go listing using the custom language `go/lang` and the custom style `go/style`.

```go
// fib is a command which prints the Fibonacci sequence.
package main

import "fmt"

func main() {
    c := make(chan int)
    go fib(c)
    fmt.Println("The Fibonacci sequence:")
    for x := range c {
        fmt.Println(x)
    }

}

func fib(c chan<- int) {
    a, b := 0, 1
    for a >= 0 {
        c <- a
        a, b = b, a+b
    }
    close(c)
}
```