

mytest: file format elf64-littleaarch64

Disassembly of section .text:

0000000000009f680 <main.adder>:
package main

import "fmt"

//go:noinline
func adder() func(int) int {

9f6fc: udf #0

9f680: ldr x16, [x28, #16]
9f684: cmp sp, x16
9f688: b.ls 9f6f0 <main.adder+0x70> // b.plast

9f68c: str x30, [sp, #-48]!
9f690: stur x29, [sp, #-8]
9f694: sub x29, sp, #0x8
sum := 0
9f698: adrp x0, a8000 <type.*+0x8000>
9f69c: add x0, x0, #0x940
9f6a0: bl 1bb00 <runtime.newobject>
9f6a4: str x0, [sp, #32]
return func(x int) int {
9f6a8: adrp x0, af000 <type.*+0xf000>
9f6ac: add x0, x0, #0x6a0
9f6b0: bl 1bb00 <runtime.newobject>
9f6b4: adrp x1, 9f000 <fmt.(*pp).printValue+0x17f0>
9f6b8: add x1, x1, #0x700
9f6bc: str x1, [x0]
9f6c0: adrp x27, 190000 <runtime.mheap_+0x18520>
9f6c4: ldr w1, [x27, #2720]
9f6c8: cbnz w1, 9f6d4 <main.adder+0x54>

9f6cc: ldr x1, [sp, #32]
9f6d0: b 9f6e0 <main.adder+0x60>

9f6d4: bl 7ce80 <runtime.gcWriteBarrier1>
9f6d8: ldr x1, [sp, #32]
9f6dc: str x1, [x25]

9f6e0: str x1, [x0, #8]
9f6e4: ldp x29, x30, [sp, #-8]
9f6e8: add sp, sp, #0x30
9f6ec: ret
func adder() func(int) int {

9f6f0: mov x3, x30
9f6f4: bl 7ac30 <runtime.morestack_noctxt.abi0>
9f6f8: b 9f680 <main.adder>