

```
mytest:      file format elf64-littleaarch64

Disassembly of section .text:

000000000009f680 <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>
```