

entry:

```
call = call printf
%23 = load start.addr
br do.body
```

do.body:

```
%24 = load zarray.addr
%25 = load i
idxprom = sext %25
arrayidx = getelementptr %24 idxprom
rp = getelementptr arrayidx 0 0
%26 = load rp
conv = fpext %26
%27 = load zarray.addr
%28 = load i
idxprom1 = sext %28
arrayidx2 = getelementptr %27 idxprom1
ip = getelementptr arrayidx2 0 1
%29 = load ip
conv3 = fpext %29
call4 = call conv conv3 printf
%30 = load i
%31 = load increment.addr
add = add %30 %31
%32 = load zarray.addr
%33 = load i
idxprom5 = sext %33
arrayidx6 = getelementptr %32 idxprom5
rp7 = getelementptr arrayidx6 0 0
%34 = load rp7
conv8 = fpext %34
%35 = load zarray.addr
%36 = load i
idxprom9 = sext %36
arrayidx10 = getelementptr %35 idxprom9
ip11 = getelementptr arrayidx10 0 1
%37 = load ip11
conv12 = fpext %37
call13 = call conv8 conv12 printf
call14 = call printf
%38 = load i
%39 = load increment.addr
add15 = add %38 %39
br do.cond
```

do.cond:

```
%40 = load i
%41 = load finish.addr
cmp = icmp %40 %41
br cmp do.end do.body
```

do.end:

ret