预期结果：

1 CONSTSY const

2 INTSY int

3 IDEN con1

4 BECOM

5 ICON 0

6 SEMI

7 INTSY int

8 IDEN var1

9 SEMI

10 INTSY int

11 IDEN getint

12 LPAR

13 INTSY int

14 IDEN i

15 RPAR

16 LBPA

17 IFSY if

18 LPAR

19 IDEN i

20 LSS

21 ICON 1

22 RPAR

23 RETURNSY return

24 LPAR

25 ICON 0

26 RPAR

27 SEMI

28 IFSY if

29 LPAR

30 IDEN i

31 EQL

32 ICON 1

33 RPAR

34 RETURNSY return

35 LPAR

36 ICON 0

37 RPAR

38 SEMI

39 IFSY if

40 LPAR

41 IDEN i

42 EQL

43 ICON 2

44 RPAR

45 RETURNSY return

46 LPAR

47 ICON 0

48 RPAR

49 SEMI

50 RETURNSY return

51 LPAR

52 IDEN getint

53 LPAR

54 IDEN i

55 MINUS

56 ICON 1

57 RPAR

58 PLUS

59 IDEN getint

60 LPAR

61 IDEN i

62 MINUS

63 ICON 2

64 RPAR

65 RPAR

66 SEMI

67 RBPA

68 CHARSY char

69 IDEN getcha

70 LBPA

71 CONSTSY const

72 CHARSY char

73 IDEN c

74 BECOM

75 CCON a

76 SEMI

77 RETURNSY return

78 LPAR

79 IDEN c

80 RPAR

81 SEMI

82 RBPA

83 VOIDSY void

84 IDEN print1

85 LPAR

86 INTSY int

87 IDEN i

88 COMMA

89 INTSY int

90 IDEN j

91 COMMA

92 CHARSY char

93 IDEN c

94 RPAR

95 LBPA

96 CHARSY char

97 IDEN var1

98 SEMI

99 INTSY int

100 IDEN num

101 COMMA

102 IDEN count

103 SEMI

104 INTSY int

105 IDEN var2

106 LBRA

107 ICON 8

108 RBRA

109 SEMI

110 IDEN var1

111 BECOM

112 IDEN getcha

113 SEMI

114 IDEN num

115 BECOM

116 ICON 0

117 SEMI

118 IDEN count

119 BECOM

120 ICON 0

121 SEMI

122 IDEN var2

123 LBRA

124 ICON 0

125 RBRA

126 BECOM

127 ICON 1

128 SEMI

129 IDEN var2

130 LBRA

131 ICON 1

132 RBRA

133 BECOM

134 IDEN i

135 MINUS

136 IDEN j

137 SEMI

138 SEMI

139 IFSY if

140 LPAR

141 IDEN var2

142 LBRA

143 ICON 1

144 RBRA

145 RPAR

146 PRINTFSY printf

147 LPAR

148 SCON var2[1] is true

149 RPAR

150 SEMI

151 SEMI

152 IFSY if

153 LPAR

154 IDEN i

155 LSS

156 IDEN j

157 RPAR

158 IDEN num

159 BECOM

160 IDEN num

161 PLUS

162 ICON 1

163 SEMI

164 ELSESY else

165 IDEN num

166 BECOM

167 IDEN num

168 MINUS

169 ICON 1

170 SEMI

171 IFSY if

172 LPAR

173 IDEN i

174 GTR

175 IDEN j

176 RPAR

177 IDEN var2

178 LBRA

179 ICON 2

180 RBRA

181 BECOM

182 ICON 1

183 SEMI

184 IFSY if

185 LPAR

186 IDEN i

187 NEQ

188 IDEN j

189 RPAR

190 IDEN var2

191 LBRA

192 ICON 3

193 RBRA

194 BECOM

195 ICON 1

196 SEMI

197 IFSY if

198 LPAR

199 IDEN var2

200 LBRA

201 ICON 0

202 RBRA

203 TIMES

204 IDEN var2

205 LBRA

206 ICON 1

207 RBRA

208 RPAR

209 IDEN var2

210 LBRA

211 ICON 4

212 RBRA

213 BECOM

214 ICON 1

215 SEMI

216 IFSY if

217 LPAR

218 ICON 100

219 DIV

220 CCON a

221 DIV

222 IDEN i

223 RPAR

224 IDEN var2

225 LBRA

226 ICON 5

227 RBRA

228 BECOM

229 ICON 1

230 SEMI

231 IFSY if

232 LPAR

233 MINUS

234 IDEN i

235 PLUS

236 IDEN j

237 RPAR

238 IDEN var2

239 LBRA

240 ICON 6

241 RBRA

242 BECOM

243 ICON 1

244 SEMI

245 IFSY if

246 LPAR

247 PLUS

248 IDEN c

249 MINUS

250 CCON A

251 RPAR

252 IDEN var2

253 LBRA

254 ICON 7

255 RBRA

256 BECOM

257 ICON 1

258 SEMI

259 WHILESY while

260 LPAR

261 IDEN i

262 GTR

263 ICON 0

264 RPAR

265 LBPA

266 IDEN i

267 BECOM

268 IDEN i

269 MINUS

270 ICON 1

271 SEMI

272 RBPA

273 FORSY for

274 LPAR

275 IDEN i

276 BECOM

277 ICON 5

278 SEMI

279 IDEN i

280 GTR

281 ICON 0

282 SEMI

283 IDEN i

284 BECOM

285 IDEN i

286 MINUS

287 ICON 1

288 RPAR

289 LBPA

290 IDEN count

291 BECOM

292 IDEN count

293 PLUS

294 ICON 1

295 SEMI

296 RBPA

297 FORSY for

298 LPAR

299 IDEN i

300 BECOM

301 ICON 0

302 SEMI

303 IDEN i

304 LSS

305 ICON 5

306 SEMI

307 IDEN i

308 BECOM

309 IDEN i

310 PLUS

311 ICON 1

312 RPAR

313 LBPA

314 IDEN count

315 BECOM

316 IDEN count

317 PLUS

318 ICON 1

319 SEMI

320 RBPA

321 PRINTFSY printf

322 LPAR

323 IDEN count

324 RPAR

325 SEMI

326 RETURNSY return

327 SEMI

328 RBPA

329 VOIDSY void

330 IDEN print2

331 LBPA

332 CONSTSY const

333 INTSY int

334 IDEN i

335 BECOM

336 ICON 1

337 SEMI

338 INTSY int

339 IDEN j

340 SEMI

341 PRINTFSY printf

342 LPAR

343 SCON print2 called

344 RPAR

345 SEMI

346 RETURNSY return

347 SEMI

348 RBPA

349 VOIDSY void

350 MAINSY main

351 LPAR

352 RPAR

353 LBPA

354 CONSTSY const

355 INTSY int

356 IDEN a

357 BECOM

358 ICON 1

359 SEMI

360 CONSTSY const

361 INTSY int

362 IDEN a0b1c2d3e4

363 BECOM

364 MINUS

365 ICON 233

366 COMMA

367 IDEN f5g6h7i8j9

368 BECOM

369 ICON 3072

370 SEMI

371 CONSTSY const

372 CHARSY char

373 IDEN klmn

374 BECOM

375 CCON +

376 SEMI

377 CONSTSY const

378 CHARSY char

379 IDEN opq

380 BECOM

381 CCON -

382 COMMA

383 IDEN rst

384 BECOM

385 CCON \*

386 COMMA

387 IDEN uvw

388 BECOM

389 CCON /

390 COMMA

391 IDEN x

392 BECOM

393 CCON a

394 COMMA

395 IDEN y\_z

396 BECOM

397 CCON 0

398 SEMI

399 INTSY int

400 IDEN ABCD

401 SEMI

402 CHARSY char

403 IDEN cha1

404 COMMA

405 IDEN cha2

406 SEMI

407 CHARSY char

408 IDEN EFG

409 LBRA

410 ICON 10

411 RBRA

412 SEMI

413 INTSY int

414 IDEN HIJK

415 COMMA

416 IDEN LMN

417 LBRA

418 ICON 5

419 RBRA

420 COMMA

421 IDEN O

422 COMMA

423 IDEN P

424 LBRA

425 ICON 20

426 RBRA

427 SEMI

428 IDEN LMN

429 LBRA

430 ICON 0

431 RBRA

432 BECOM

433 ICON 0

434 SEMI

435 IDEN LMN

436 LBRA

437 ICON 1

438 RBRA

439 BECOM

440 ICON 1

441 SEMI

442 IDEN LMN

443 LBRA

444 ICON 2

445 RBRA

446 BECOM

447 ICON 2

448 SEMI

449 SCANFSY scanf

450 LPAR

451 IDEN ABCD

452 RPAR

453 SEMI

454 SCANFSY scanf

455 LPAR

456 IDEN HIJK

457 COMMA

458 IDEN O

459 RPAR

460 SEMI

461 SCANFSY scanf

462 LPAR

463 IDEN cha1

464 RPAR

465 SEMI

466 SCANFSY scanf

467 LPAR

468 IDEN cha2

469 RPAR

470 SEMI

471 PRINTFSY printf

472 LPAR

473 SCON result1 =

474 COMMA

475 IDEN getint

476 LPAR

477 IDEN LMN

478 LBRA

479 ICON 0

480 RBRA

481 RPAR

482 PLUS

483 IDEN getint

484 LPAR

485 IDEN LMN

486 LBRA

487 ICON 1

488 RBRA

489 RPAR

490 PLUS

491 IDEN getint

492 LPAR

493 IDEN LMN

494 LBRA

495 ICON 2

496 RBRA

497 RPAR

498 RPAR

499 SEMI

500 PRINTFSY printf

501 LPAR

502 SCON the 10th Fibonacci number is

503 COMMA

504 IDEN getint

505 LPAR

506 IDEN ABCD

507 RPAR

508 RPAR

509 SEMI

510 IDEN getcha

511 SEMI

512 IDEN print1

513 LPAR

514 IDEN HIJK

515 COMMA

516 IDEN O

517 COMMA

518 IDEN cha1

519 RPAR

520 SEMI

521 IDEN print1

522 LPAR

523 IDEN O

524 COMMA

525 IDEN HIJK

526 COMMA

527 IDEN cha1

528 RPAR

529 SEMI

530 IDEN print1

531 LPAR

532 IDEN HIJK

533 COMMA

534 IDEN HIJK

535 COMMA

536 IDEN cha2

537 RPAR

538 SEMI

539 IDEN print2

540 SEMI

541 RETURNSY return

542 SEMI

543 RBPA

实际结果：

1 CONSTSY const

2 INTSY int

3 IDEN con1

4 BECOM

5 ICON 0

6 SEMI

7 INTSY int

8 IDEN var1

9 SEMI

10 INTSY int

11 IDEN getint

12 LPAR

13 INTSY int

14 IDEN i

15 RPAR

16 LBPA

17 IFSY if

18 LPAR

19 IDEN i

20 LSS

21 ICON 1

22 RPAR

23 RETURNSY return

24 LPAR

25 ICON 0

26 RPAR

27 SEMI

28 IFSY if

29 LPAR

30 IDEN i

31 EQL

32 ICON 1

33 RPAR

34 RETURNSY return

35 LPAR

36 ICON 0

37 RPAR

38 SEMI

39 IFSY if

40 LPAR

41 IDEN i

42 EQL

43 ICON 2

44 RPAR

45 RETURNSY return

46 LPAR

47 ICON 0

48 RPAR

49 SEMI

50 RETURNSY return

51 LPAR

52 IDEN getint

53 LPAR

54 IDEN i

55 MINUS

56 ICON 1

57 RPAR

58 PLUS

59 IDEN getint

60 LPAR

61 IDEN i

62 MINUS

63 ICON 2

64 RPAR

65 RPAR

66 SEMI

67 RBPA

68 CHARSY char

69 IDEN getcha

70 LBPA

71 CONSTSY const

72 CHARSY char

73 IDEN c

74 BECOM

75 CCON a

76 SEMI

77 RETURNSY return

78 LPAR

79 IDEN c

80 RPAR

81 SEMI

82 RBPA

83 VOIDSY void

84 IDEN print1

85 LPAR

86 INTSY int

87 IDEN i

88 COMMA

89 INTSY int

90 IDEN j

91 COMMA

92 CHARSY char

93 IDEN c

94 RPAR

95 LBPA

96 CHARSY char

97 IDEN var1

98 SEMI

99 INTSY int

100 IDEN num

101 COMMA

102 IDEN count

103 SEMI

104 INTSY int

105 IDEN var2

106 LBRA

107 ICON 8

108 RBRA

109 SEMI

110 IDEN var1

111 BECOM

112 IDEN getcha

113 SEMI

114 IDEN num

115 BECOM

116 ICON 0

117 SEMI

118 IDEN count

119 BECOM

120 ICON 0

121 SEMI

122 IDEN var2

123 LBRA

124 ICON 0

125 RBRA

126 BECOM

127 ICON 1

128 SEMI

129 IDEN var2

130 LBRA

131 ICON 1

132 RBRA

133 BECOM

134 IDEN i

135 MINUS

136 IDEN j

137 SEMI

138 SEMI

139 IFSY if

140 LPAR

141 IDEN var2

142 LBRA

143 ICON 1

144 RBRA

145 RPAR

146 PRINTFSY printf

147 LPAR

148 SCON var2[1] is true

149 RPAR

150 SEMI

151 SEMI

152 IFSY if

153 LPAR

154 IDEN i

155 LSS

156 IDEN j

157 RPAR

158 IDEN num

159 BECOM

160 IDEN num

161 PLUS

162 ICON 1

163 SEMI

164 ELSESY else

165 IDEN num

166 BECOM

167 IDEN num

168 MINUS

169 ICON 1

170 SEMI

171 IFSY if

172 LPAR

173 IDEN i

174 GTR

175 IDEN j

176 RPAR

177 IDEN var2

178 LBRA

179 ICON 2

180 RBRA

181 BECOM

182 ICON 1

183 SEMI

184 IFSY if

185 LPAR

186 IDEN i

187 NEQ

188 IDEN j

189 RPAR

190 IDEN var2

191 LBRA

192 ICON 3

193 RBRA

194 BECOM

195 ICON 1

196 SEMI

197 IFSY if

198 LPAR

199 IDEN var2

200 LBRA

201 ICON 0

202 RBRA

203 TIMES

204 IDEN var2

205 LBRA

206 ICON 1

207 RBRA

208 RPAR

209 IDEN var2

210 LBRA

211 ICON 4

212 RBRA

213 BECOM

214 ICON 1

215 SEMI

216 IFSY if

217 LPAR

218 ICON 100

219 DIV

220 CCON a

221 DIV

222 IDEN i

223 RPAR

224 IDEN var2

225 LBRA

226 ICON 5

227 RBRA

228 BECOM

229 ICON 1

230 SEMI

231 IFSY if

232 LPAR

233 MINUS

234 IDEN i

235 PLUS

236 IDEN j

237 RPAR

238 IDEN var2

239 LBRA

240 ICON 6

241 RBRA

242 BECOM

243 ICON 1

244 SEMI

245 IFSY if

246 LPAR

247 PLUS

248 IDEN c

249 MINUS

250 CCON A

251 RPAR

252 IDEN var2

253 LBRA

254 ICON 7

255 RBRA

256 BECOM

257 ICON 1

258 SEMI

259 WHILESY while

260 LPAR

261 IDEN i

262 GTR

263 ICON 0

264 RPAR

265 LBPA

266 IDEN i

267 BECOM

268 IDEN i

269 MINUS

270 ICON 1

271 SEMI

272 RBPA

273 FORSY for

274 LPAR

275 IDEN i

276 BECOM

277 ICON 5

278 SEMI

279 IDEN i

280 GTR

281 ICON 0

282 SEMI

283 IDEN i

284 BECOM

285 IDEN i

286 MINUS

287 ICON 1

288 RPAR

289 LBPA

290 IDEN count

291 BECOM

292 IDEN count

293 PLUS

294 ICON 1

295 SEMI

296 RBPA

297 FORSY for

298 LPAR

299 IDEN i

300 BECOM

301 ICON 0

302 SEMI

303 IDEN i

304 LSS

305 ICON 5

306 SEMI

307 IDEN i

308 BECOM

309 IDEN i

310 PLUS

311 ICON 1

312 RPAR

313 LBPA

314 IDEN count

315 BECOM

316 IDEN count

317 PLUS

318 ICON 1

319 SEMI

320 RBPA

321 PRINTFSY printf

322 LPAR

323 IDEN count

324 RPAR

325 SEMI

326 RETURNSY return

327 SEMI

328 RBPA

329 VOIDSY void

330 IDEN print2

331 LBPA

332 CONSTSY const

333 INTSY int

334 IDEN i

335 BECOM

336 ICON 1

337 SEMI

338 INTSY int

339 IDEN j

340 SEMI

341 PRINTFSY printf

342 LPAR

343 SCON print2 called

344 RPAR

345 SEMI

346 RETURNSY return

347 SEMI

348 RBPA

349 VOIDSY void

350 MAINSY main

351 LPAR

352 RPAR

353 LBPA

354 CONSTSY const

355 INTSY int

356 IDEN a

357 BECOM

358 ICON 1

359 SEMI

360 CONSTSY const

361 INTSY int

362 IDEN a0b1c2d3e4

363 BECOM

364 MINUS

365 ICON 233

366 COMMA

367 IDEN f5g6h7i8j9

368 BECOM

369 ICON 3072

370 SEMI

371 CONSTSY const

372 CHARSY char

373 IDEN klmn

374 BECOM

375 CCON +

376 SEMI

377 CONSTSY const

378 CHARSY char

379 IDEN opq

380 BECOM

381 CCON -

382 COMMA

383 IDEN rst

384 BECOM

385 CCON \*

386 COMMA

387 IDEN uvw

388 BECOM

389 CCON /

390 COMMA

391 IDEN x

392 BECOM

393 CCON a

394 COMMA

395 IDEN y\_z

396 BECOM

397 CCON 0

398 SEMI

399 INTSY int

400 IDEN ABCD

401 SEMI

402 CHARSY char

403 IDEN cha1

404 COMMA

405 IDEN cha2

406 SEMI

407 CHARSY char

408 IDEN EFG

409 LBRA

410 ICON 10

411 RBRA

412 SEMI

413 INTSY int

414 IDEN HIJK

415 COMMA

416 IDEN LMN

417 LBRA

418 ICON 5

419 RBRA

420 COMMA

421 IDEN O

422 COMMA

423 IDEN P

424 LBRA

425 ICON 20

426 RBRA

427 SEMI

428 IDEN LMN

429 LBRA

430 ICON 0

431 RBRA

432 BECOM

433 ICON 0

434 SEMI

435 IDEN LMN

436 LBRA

437 ICON 1

438 RBRA

439 BECOM

440 ICON 1

441 SEMI

442 IDEN LMN

443 LBRA

444 ICON 2

445 RBRA

446 BECOM

447 ICON 2

448 SEMI

449 SCANFSY scanf

450 LPAR

451 IDEN ABCD

452 RPAR

453 SEMI

454 SCANFSY scanf

455 LPAR

456 IDEN HIJK

457 COMMA

458 IDEN O

459 RPAR

460 SEMI

461 SCANFSY scanf

462 LPAR

463 IDEN cha1

464 RPAR

465 SEMI

466 SCANFSY scanf

467 LPAR

468 IDEN cha2

469 RPAR

470 SEMI

471 PRINTFSY printf

472 LPAR

473 SCON result1 =

474 COMMA

475 IDEN getint

476 LPAR

477 IDEN LMN

478 LBRA

479 ICON 0

480 RBRA

481 RPAR

482 PLUS

483 IDEN getint

484 LPAR

485 IDEN LMN

486 LBRA

487 ICON 1

488 RBRA

489 RPAR

490 PLUS

491 IDEN getint

492 LPAR

493 IDEN LMN

494 LBRA

495 ICON 2

496 RBRA

497 RPAR

498 RPAR

499 SEMI

500 PRINTFSY printf

501 LPAR

502 SCON the 10th Fibonacci number is

503 COMMA

504 IDEN getint

505 LPAR

506 IDEN ABCD

507 RPAR

508 RPAR

509 SEMI

510 IDEN getcha

511 SEMI

512 IDEN print1

513 LPAR

514 IDEN HIJK

515 COMMA

516 IDEN O

517 COMMA

518 IDEN cha1

519 RPAR

520 SEMI

521 IDEN print1

522 LPAR

523 IDEN O

524 COMMA

525 IDEN HIJK

526 COMMA

527 IDEN cha1

528 RPAR

529 SEMI

530 IDEN print1

531 LPAR

532 IDEN HIJK

533 COMMA

534 IDEN HIJK

535 COMMA

536 IDEN cha2

537 RPAR

538 SEMI

539 IDEN print2

540 SEMI

541 RETURNSY return

542 SEMI

543 RBPA

预期结果与实际结果相同