1 CONSY const

2 INTSY int

3 IDENSY c1

4 ASSIGNSY =

5 INT2SY 3

6 COMMASY ,

7 IDENSY c2

8 ASSIGNSY =

9 INT2SY 4

10 SEMISY ;

11 CONSY const

12 CHARSY char

13 IDENSY c3

14 ASSIGNSY =

15 APOSY '

16 CHAR2SY s

17 APOSY '

18 COMMASY ,

19 IDENSY c4

20 ASSIGNSY =

21 APOSY '

22 CHAR2SY t

23 APOSY '

24 SEMISY ;

25 INTSY int

26 IDENSY v1

27 COMMASY ,

28 IDENSY v2

29 LBRASY [

30 INT2SY 13

31 RBRASY ]

32 SEMISY ;

33 CHARSY char

34 IDENSY v3

35 COMMASY ,

36 IDENSY v4

37 LBRASY [

38 INT2SY 15

39 RBRASY ]

40 SEMISY ;

41 INTSY int

42 IDENSY odd

43 LPARSY (

44 INTSY int

45 IDENSY s

46 RPARSY )

47 INTSY int

48 IDENSY Fib

49 LPARSY (

50 IDENSY intn

51 RPARSY )

52 LBPARSY {

53 IFSY if

54 LPARSY (

55 IDENSY n

56 EQSY ==

57 INT2SY 0

58 RPARSY )

59 RETURNSY return

60 LPARSY (

61 INT2SY 1

62 RPARSY )

63 SEMISY ;

64 IFSY if

65 LPARSY (

66 IDENSY n

67 EQSY ==

68 INT2SY 1

69 RPARSY )

70 RETURNSY return

71 LPARSY (

72 INT2SY 1

73 RPARSY )

74 SEMISY ;

75 RETURNSY return

76 LPARSY (

77 IDENSY Fib

78 LPARSY (

79 IDENSY n

80 MINUSSY -

81 INT2SY 1

82 RPARSY )

83 PLUSSY +

84 IDENSY Fib

85 LPARSY (

86 IDENSY n

87 MINUSSY -

88 INT2SY 2

89 RPARSY )

90 RPARSY )

91 SEMISY ;

92 RBPARSY }

93 VOIDSY void

94 IDENSY ifst

95 LPARSY (

96 IDENSY intc

97 RPARSY )

98 LBPARSY {

99 IFSY if

100 LPARSY (

101 IDENSY c

102 EQSY ==

103 IDENSY c2

104 RPARSY )

105 PRINTFSY printf

106 LPARSY (

107 DQUOSY "

108 CHAR2SY This number is equal to4.

109 DQUOSY "

110 RPARSY )

111 SEMISY ;

112 IFSY if

113 LPARSY (

114 IDENSY c

115 MOEQSY >=

116 INT2SY 1

117 RPARSY )

118 PRINTFSY printf

119 LPARSY (

120 DQUOSY "

121 CHAR2SY This number is great than or equal to1.

122 DQUOSY "

123 RPARSY )

124 SEMISY ;

125 IFSY if

126 LPARSY (

127 IDENSY c

128 LESY <

129 IDENSY c1

130 MULTSY \*

131 IDENSY c2

132 RPARSY )

133 PRINTFSY printf

134 LPARSY (

135 DQUOSY "

136 CHAR2SY This number is smaller than 12.

137 DQUOSY "

138 RPARSY )

139 SEMISY ;

140 IFSY if

141 LPARSY (

142 IDENSY c

143 LEEQSY <=

144 IDENSY v2

145 LBRASY [

146 INT2SY 4

147 RBRASY ]

148 RPARSY )

149 PRINTFSY printf

150 LPARSY (

151 DQUOSY "

152 CHAR2SY This number is smaller than or equal to 5.

153 DQUOSY "

154 RPARSY )

155 SEMISY ;

156 IFSY if

157 LPARSY (

158 IDENSY c

159 MOSY >

160 IDENSY Fib

161 LPARSY (

162 INT2SY 2

163 RPARSY )

164 RPARSY )

165 PRINTFSY printf

166 LPARSY (

167 DQUOSY "

168 CHAR2SY This number is great than 2.

169 DQUOSY "

170 RPARSY )

171 SEMISY ;

172 IFSY if

173 LPARSY (

174 IDENSY c

175 NEQSY !=

176 IDENSY c1

177 RPARSY )

178 PRINTFSY printf

179 LPARSY (

180 DQUOSY "

181 CHAR2SY This number is not equal to c1.

182 DQUOSY "

183 RPARSY )

184 SEMISY ;

185 RETURNSY return

186 SEMISY ;

187 RBPARSY }

188 VOIDSY void

189 IDENSY whilest

190 LPARSY (

191 IDENSY intt

192 COMMASY ,

193 IDENSY charc

194 RPARSY )

195 LBPARSY {

196 IDENSY ints

197 ASSIGNSY =

198 IDENSY t

199 WHILESY while

200 LPARSY (

201 IDENSY t

202 MOEQSY >=

203 INT2SY 0

204 RPARSY )

205 LBPARSY {

206 PRINTFSY printf

207 LPARSY (

208 DQUOSY "

209 CHAR2SY count:

210 DQUOSY "

211 COMMASY ,

212 IDENSY s

213 MINUSSY -

214 IDENSY t

215 PLUSSY +

216 INT2SY 1

217 RPARSY )

218 SEMISY ;

219 PRINTFSY printf

220 LPARSY (

221 IDENSY c

222 RPARSY )

223 SEMISY ;

224 IDENSY t

225 ASSIGNSY =

226 IDENSY t

227 MINUSSY -

228 INT2SY 1

229 SEMISY ;

230 RBPARSY }

231 RETURNSY return

232 SEMISY ;

233 RBPARSY }

234 VOIDSY void

235 IDENSY switchst

236 LPARSY (

237 RPARSY )

238 LBPARSY {

239 SWITCHSY switch

240 LPARSY (

241 IDENSY v1

242 RPARSY )

243 LBPARSY {

244 IDENSY case10

245 COLONSY :

246 LBPARSY {

247 IDENSY v1

248 ASSIGNSY =

249 IDENSY v1

250 PLUSSY +

251 INT2SY 1

252 SEMISY ;

253 PRINTFSY printf

254 LPARSY (

255 IDENSY c3

256 RPARSY )

257 SEMISY ;

258 RBPARSY }

259 IDENSY case8

260 COLONSY :

261 LBPARSY {

262 IDENSY v1

263 ASSIGNSY =

264 IDENSY v1

265 MINUSSY -

266 INT2SY 2

267 SEMISY ;

268 PRINTFSY printf

269 LPARSY (

270 IDENSY v1

271 PLUSSY +

272 INT2SY 2

273 RPARSY )

274 SEMISY ;

275 RBPARSY }

276 DEFAULTSY default

277 COLONSY :

278 PRINTFSY printf

279 LPARSY (

280 DQUOSY "

281 CHAR2SY v1 does not equal 10 or equal to 8;

282 DQUOSY "

283 RPARSY )

284 SEMISY ;

285 RBPARSY }

286 PRINTFSY printf

287 LPARSY (

288 DQUOSY "

289 CHAR2SY v1 is equal to

290 DQUOSY "

291 COMMASY ,

292 IDENSY v1

293 RPARSY )

294 SEMISY ;

295 RETURNSY return

296 SEMISY ;

297 RBPARSY }

298 VOIDSY void

299 MAINSY main

300 LPARSY (

301 RPARSY )

302 LBPARSY {

303 INTSY int

304 IDENSY aaa

305 COMMASY ,

306 IDENSY \_a2

307 COMMASY ,

308 IDENSY a3

309 SEMISY ;

310 CHARSY char

311 IDENSY a4

312 COMMASY ,

313 IDENSY a5

314 COMMASY ,

315 IDENSY a6

316 SEMISY ;

317 IDENSY aaa

318 ASSIGNSY =

319 INT2SY 0

320 SEMISY ;

321 WHILESY while

322 LPARSY (

323 IDENSY aaa

324 NEQSY !=

325 INT2SY 12

326 RPARSY )

327 LBPARSY {

328 IDENSY v2

329 LBRASY [

330 IDENSY aaa

331 RBRASY ]

332 ASSIGNSY =

333 IDENSY Fib

334 LPARSY (

335 IDENSY aaa

336 RPARSY )

337 SEMISY ;

338 IDENSY aaa

339 ASSIGNSY =

340 IDENSY aaa

341 PLUSSY +

342 INT2SY 1

343 SEMISY ;

344 RBPARSY }

345 SCANFSY scanf

346 LPARSY (

347 IDENSY \_a2

348 RPARSY )

349 SEMISY ;

350 IDENSY ifst

351 LPARSY (

352 IDENSY \_a2

353 RPARSY )

354 SEMISY ;

355 SCANFSY scanf

356 LPARSY (

357 IDENSY a3

358 COMMASY ,

359 IDENSY a4

360 RPARSY )

361 SEMISY ;

362 IDENSY whilest

363 LPARSY (

364 IDENSY a3

365 COMMASY ,

366 IDENSY a4

367 RPARSY )

368 SEMISY ;

369 IDENSY v1

370 ASSIGNSY =

371 IDENSY \_a2

372 PLUSSY +

373 INT2SY 6

374 MULTSY \*

375 INT2SY 4

376 DIVSY /

377 INT2SY 8

378 MINUSSY -

379 INT2SY 1

380 PLUSSY +

381 INT2SY 2

382 SEMISY ;

383 PRINTFSY printf

384 LPARSY (

385 IDENSY v2

386 LBRASY [

387 IDENSY v1

388 RBRASY ]

389 RPARSY )

390 SEMISY ;

391 SWITCHSY switch

392 LPARSY (

393 RPARSY )

394 SEMISY ;

395 RETURNSY return

396 SEMISY ;

397 RBPARSY }

lexical analysis completed!

与预期结果一致