



Customer

1: Need Movie Information

2: actionPerformed(ActionEvent e)

3: Event being Handled

14: getTextArea()

15: return

16: Chooses Movie

17: actionPerformed(ActionEvent e)

18: Event being Handled

36: getTextArea()

37: return

38: Choose Theatre

39: actionPerformed(ActionEvent e)

40: Event being Handled

58: getTextArea()

59: return

60: Choose ShowTime

61: actionPerformed(ActionEvent e)

62: Event being Handled

80: getTextArea()

81: return

82: Choose Seats

83: actionPerformed(ActionEvent e)

84: Event being Handled

93: showView(View)

MainMenuView

MainMenuController

MovieView

MovieViewController

TheatreViewController

TheatreView

ShowTimeViewController

ShowTimeView

SeatController

SeatView

GUI

GUIController

BoosController

Cart

Ticket

DataBaseController

FinancialController

BrowseMovie

Movie

SelectTheatre

Theatre

SelectShowTime

ShowTime

SelectShowTime

ShowTime

4: browseMovie()

11: return

12: showView(View)

19: selectMovie(movie)

20: getMovie(movie)

21: return

22: selectMovie(sqSet)

23: return

24: setMovie(movie)

25: return

26: getTheatreList()

27: return

28: parseTheatreList(sqSet)

29: return

30: selectTheatre(theatre)

31: return

32: return

33: return

34: showView(View)

35: paintTheatres(JsonObject)

36: getTextArea()

37: return

38: selectTheatre(theatre)

39: return

40: getTheatre(movie)

41: return

42: selectTheatre(sqSet)

43: return

44: setTheatre(theatre)

45: return

46: getShowTimeList()

47: return

48: parseShowTimeList(sqSet)

49: return

50: selectShowTime(showTime)

51: return

52: getShowTime(showTime)

53: return

54: selectShowTime(sqSet)

55: return

56: setShowTime(showTime)

57: return

58: getSeatList()

59: return

60: parseSeatList(sqSet)

61: return

62: selectSeat(seat)

63: return

64: getSeat(seat)

65: return

66: selectSeat(sqSet)

67: return

68: setSeat(showTime)

69: return

70: showView(View)

71: return

72: paintSeats(JsonObject)

73: return

74: getTextArea()

75: return

76: actionPerformed(ActionEvent e)

77: return

78: selectSeat(seat)

79: return

80: getSeat(seat)

81: return

82: selectSeat(sqSet)

83: return

84: setSeat(showTime)

85: return

86: showView(View)

87: return

88: paintSeats(JsonObject)

89: return

90: getTextArea()

91: return

92: actionPerformed(ActionEvent e)

93: return

94: selectSeat(seat)

95: return

96: getSeat(seat)

97: return

98: selectSeat(sqSet)

99: return

100: setSeat(showTime)

101: return

102: showView(View)

103: return

104: paintSeats(JsonObject)

105: return

106: getTextArea()

107: return

108: actionPerformed(ActionEvent e)

109: return

110: selectSeat(seat)

111: return

112: getSeat(seat)

113: return

114: selectSeat(sqSet)

115: return

116: setSeat(showTime)

117: return

118: showView(View)

119: return

120: paintSeats(JsonObject)

121: return

122: getTextArea()

123: return

124: actionPerformed(ActionEvent e)

125: return

126: selectSeat(seat)

127: return

128: getSeat(seat)

129: return

130: selectSeat(sqSet)

131: return

132: setSeat(showTime)

133: return

134: showView(View)

135: return

136: paintSeats(JsonObject)

137: return

138: getTextArea()

139: return

140: actionPerformed(ActionEvent e)

141: return

142: selectSeat(seat)

143: return

144: getSeat(seat)

145: return

146: selectSeat(sqSet)

147: return

148: setSeat(showTime)

149: return

150: showView(View)

151: return

152: paintSeats(JsonObject)

153: return

154: getTextArea()

155: return

156: actionPerformed(ActionEvent e)

157: return

158: selectSeat(seat)

159: return

160: getSeat(seat)

161: return

162: selectSeat(sqSet)

163: return

164: setSeat(showTime)

165: return

166: showView(View)

167: return

168: paintSeats(JsonObject)

169: return

170: getTextArea()

171: return

172: actionPerformed(ActionEvent e)

173: return

174: selectSeat(seat)

175: return

176: getSeat(seat)

177: return

178: selectSeat(sqSet)

179: return

180: setSeat(showTime)

181: return

182: showView(View)

183: return

184: paintSeats(JsonObject)

185: return

186: getTextArea()

187: return

188: actionPerformed(ActionEvent e)

189: return

190: selectSeat(seat)

191: return

192: getSeat(seat)

193: return

194: selectSeat(sqSet)

195: return

196: setSeat(showTime)

197: return

198: showView(View)

199: return

200: paintSeats(JsonObject)

201: return

202: getTextArea()

203: return

204: actionPerformed(ActionEvent e)

205: return

206: selectSeat(seat)

207: return

208: getSeat(seat)

209: return

210: selectSeat(sqSet)

211: return

212: setSeat(showTime)

213: return

214: showView(View)

215: return

216: paintSeats(JsonObject)

217: return

218: getTextArea()

219: return

220: actionPerformed(ActionEvent e)

221: return

222: selectSeat(seat)

223: return

224: getSeat(seat)

225: return

226: selectSeat(sqSet)

227: return

228: setSeat(showTime)

229: return

230: showView(View)

231: return

232: paintSeats(JsonObject)

233: return

234: getTextArea()

235: return

236: actionPerformed(ActionEvent e)

237: return

238: selectSeat(seat)

239: return

240: getSeat(seat)

241: return

242: selectSeat(sqSet)

243: return

244: setSeat(showTime)

245: return

246: showView(View)

247: return

248: paintSeats(JsonObject)

249: return

250: getTextArea()

251: return

252: actionPerformed(ActionEvent e)

253: return

254: selectSeat(seat)

255: return

256: getSeat(seat)

257: return

258: selectSeat(sqSet)

259: return

260: setSeat(showTime)

261: return

262: showView(View)

263: return

264: paintSeats(JsonObject)

265: return

266: getTextArea()

267: return

268: actionPerformed(ActionEvent e)

269: return

270: selectSeat(seat)

271: return

272: getSeat(seat)

273: return

274: selectSeat(sqSet)

275: return

276: setSeat(showTime)

277: return

278: showView(View)

279: return

280: paintSeats(JsonObject)

281: return

282: getTextArea()

283: return

284: actionPerformed(ActionEvent e)

285: return

286: selectSeat(seat)

287: return

288: getSeat(seat)

289: return

