

pract5Conref

☆ master

Last analysis had 1 warning

May 12, 2022, 12:54 PM

Version 0.0.1-SNAPSHOT

Overview

Issues

Security Hotspots

Measures

Code

Activity

Project Settings

Project Information

←

+

−

↕

...va/es/unican/is2/gestionTienda/Tienda.java

Change this "try" to a try-with-resources.

Code Smell +2

Change this "try" to a try-with-resources.

Code Smell +2

Define a constant instead of duplicating this literal "TotalVentasMes: " 3 times.

Code Smell +3

Define a constant instead of duplicating this literal "Id: " 3 times.

Code Smell +3

Define a constant instead of duplicating this literal "DNI: " 3 times.

Code Smell +3

Define a constant instead of duplicating this literal " Nombre: " 3 times.

Code Smell +3

.../gestionTienda/gui/GestionComisiones.java

Refactor this method to reduce its Cognitive Complexity from 23 to the 15 allowed.

Code Smell +9

Add a default case to this switch.

Code Smell

8 of 8 shown

pract5Conref

src/.../es/unican/is2/gestionTienda/gui/GestionComisiones.java

See all issues in this file

1 hgi83... package es.unican.is2.gestionTienda.gui;

2

3 import java.io.IOException;

4 import java.util.Collections;

5 import java.util.Comparator;

6 import java.util.LinkedList;

7 import java.util.List;

8

9 import es.unican.is2.gestionTienda.Tienda;

10 import es.unican.is2.gestionTienda.Vendedor;

11 import fundamentos.Menu;

12 import fundamentos.Lectura;

13 import fundamentos.Mensaje;

14

15 /**

16 * Gestión de las comisiones de vendedores de una tienda

17 */

18 public class GestionComisiones {

19

20 /**

21 * Programa principal basado en menu

22 */

23

24 /**

25 * Calculo de WMC, WMCn, CBO, DIT, NOC y CCog

26 * WMC = 11 + 1 + 3 = 15

27 * WMCn = 15/3 = 5

28 * CBO = AFF-0 EFF-0 --> 0

29 * DIT = 0

30 * NOC = 0

31 * CCog = 18 + 0 + 2 = 20

32 */

33

34 public static void main(String[] args) { //WMC+1 Ccog=18

35

36 final int NUEVA_VENTA = 0, VENDEDOR_DEL_MES = 1, VENDEDORES = 2;

37

38 // variables auxiliares

39 String dni;

40 Lectura lect;

41

42 List<Vendedor> vendedores;

43 List<Vendedor> resultado;

44 String msj;

45

46 // crea la tienda

47 Tienda tienda = new Tienda("datosTienda.txt");

48

49 // crea la ventana de menu

50 Menu menu = new Menu("Comisiones tienda");

51 menu.insertaOpcion("Añadir venta", NUEVA_VENTA);

52 menu.insertaOpcion("Vendedor del mes", VENDEDOR_DEL_MES);

53 menu.insertaOpcion("Vendedores por ventas", VENDEDORES);

54 int opcion;

55

56 // Lazo de espera de comandos del usuario

57 while (true) { //WMC+1 Ccog+1

58 opcion = menu.leeOpcion();

59

60 // realiza las acciones dependiendo de la opcion elegida

61 switch (opcion) { //Ccog+1

62

63 case NUEVA_VENTA: //WMC+1

64 lect = new Lectura("Datos Venta");

65 lect.creaEntrada("Id Vendedor", "");

66 lect.creaEntrada("Importe", "");

67 lect.esperaYCierra();

68 dni = lect.leeString("Id Vendedor");

69 double importe = lect.leeDouble("Importe");

70 try {

if (!tienda.anhadeVenta(dni, importe)) { //WMC+1 Ccog+3

Refactor this method to reduce its Cognitive Complexity from 23 to the 15 allowed.

Why is this an issue? 25 minutes ago L34 9

Code Smell Critical Open Not assigned 13min effort Comment brain-overload

Add a default case to this switch.

Why is this an issue? 25 minutes ago L61

Code Smell Critical Open Not assigned 5min effort Comment cert, cwe

localhost:9000/project/issues?id=practica5b&open=AYC35-kphZm53ECvRbHH&resolved=false&severities=CRITICAL

1/2

pract5Conref

☆ master

Last analysis had 1 warning

May 12, 2022, 12:54 PM

Version 0.0.1-SNAPSHOT

Overview

Issues

Security Hotspots

Measures

Code

Activity

Project Settings

Project Information

...va/es/unican/is2/gestionTienda/Tienda.java

Change this "try" to a try-with-resources.

Code Smell +2

Change this "try" to a try-with-resources.

Code Smell +2

Define a constant instead of duplicating this literal "TotalVentasMes: " 3 times.

Code Smell +3

Define a constant instead of duplicating this literal "Id: " 3 times.

Code Smell +3

Define a constant instead of duplicating this literal "DNI: " 3 times.

Code Smell +3

Define a constant instead of duplicating this literal " Nombre: " 3 times.

Code Smell +3

.../gestionTienda/gui/GestionComisiones.java

Refactor this method to reduce its Cognitive Complexity from 23 to the 15 allowed.

Code Smell +9

Add a default case to this switch.

Code Smell

8 of 8 shown

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

}

break;

case VENDEDOR_DEL_MES: //WMC+1

vendedores = tienda.vendedores();

resultado = new LinkedList<Vendedor>();

double maxVentas = 0.0;

for (Vendedor v : vendedores) { //WMC+1 Ccog+2

if (v.getTotalVentas() > maxVentas) { //WMC+1 Ccog+3

maxVentas = v.getTotalVentas();

resultado.clear();

resultado.add(v);

else if (v.getTotalVentas() == maxVentas) { //WMC+1 Ccog+3

resultado.add(v);

}

}

msj = "";

for (Vendedor vn : resultado) { //WMC+1 Ccog+2

msj += vn.getNombre() + "\n";

}

mensaje("VENDEDORES DEL MES", msj);

break;

case VENDEDORES: //WMC+1

vendedores = tienda.vendedores();

System.out.println(vendedores.size());

Collections.sort(vendedores, new ComparadorVendedorVentas());

msj = "";

for (Vendedor vn : vendedores) { //WMC+1 Ccog+2

msj += vn.getNombre() + " " + vn.getTotalVentas() + "\n";

}

mensaje("VENDEDORES", msj);

break;

}

}

/**

* Metodo auxiliar que muestra un ventana de mensaje

* @param titulo Titulo de la ventana

* @param txt Texto contenido en la ventana

*/

private static void mensaje(String titulo, String txt) { //WMC+1 CCog=0

Mensaje msj = new Mensaje(titulo);

msj.escribe(txt);

}

public static class ComparadorVendedorVentas implements Comparator<Vendedor> {

public int compare(Vendedor o1, Vendedor o2) { //WMC+1 CCog=2

if (o1.getTotalVentas()>o2.getTotalVentas()) //WMC+1 Ccog+1

return -1;

else if (o1.getTotalVentas()<o2.getTotalVentas()) //WMC+1 Ccog+1

return 1;

return 0;

}

}

}

}

localhost:9000/project/issues?id=practica5b&open=AYC35-kphZm53ECvRbHH&resolved=false&severities=CRITICAL

2/2