SOFTWARE ENGINEERING
CS301

CODE METRICS

MIETEN-PLACEMENT CELL ANDROID APPLICATION

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Overview of the Package: com.example.kshiteej.mietennotification

Package Information

Package Name	com.example.kshiteej.mietennotification		
Classes in package	MainActivity		
Name of package	com.example.kshiteej.mietennotification		
Total number of Classes	3	Total number of Java statements	87
Average Cyclomatic Complexity for	2.20	Cumulative Halstead bugs	1.03
Cumulative Halstead effort	39627.32	Cumulative Halstead length	554
Cumulative Halstead volume	3088.19	Maintainability Index	94.22
Total Number of Comment Lines in the package	4	Total Lines of Code in the Package	114
Review Factor	33	Total Cyclomatic Complexity	11
Total Number of Comments in the package	11	Instability	0.50
Distance	0.50	Fan In	1
Total number of methods	5	Maintainability Index (Not including comments)	94.22
Abstractness	0.00	Maximum Cyclomatic Complexity for methods in th...	5
Fan Out	1		

Close

Overview of the class: MainActivity

Package Name	com.example.kshiteej.mietennotification		
Name of class	MainActivity		
No. of instance variables declared	name (java.lang.String)		
No. of packages imported	android.os.AsyncTask		
No. of local methods called			
No. of Methods called that are in the class hierarchy	setContentView (1)		
No. of External Methods called	View.OnClickListener.View.OnClickListener (1)		
No. of interfaces implemented			
Total number of methods	1	Lack of Cohesion of methods	2.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to line...	10
Cumulative Halstead bugs	0.24	Cumulative Halstead effort	5871.19
Unweighted Class size	3	Total Response For Class	1
CBO (Coupling Between Objects)	1	Maintainability Index	143.91
Total Number of Comment Lines in the class	2	Total Lines of Code in the class	12
Review Factor	60.00	Fan In (Afferent Coupling)	1
Depth of Inheritance Tree	2	Maintainability Index(Not including comments)	104.02
Specialization Ratio	0.00	ReUse Ratio	0.50
Cohesion	0.00	LCOM2	1.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	710.06
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	android.support.v7.app.AppCompatActi...	SIX	0.00
Total number of superclasses	1	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	3
Cumulative Halstead length	132	No. of modifiers for this class declaration	1

Methods of the class MainActivity :

Overview of the class: MainActivity$SendData

Methods of the class MainActivity$SendData:

Name	COMP	NOCL	NOS	HLTH	HVOC	HEFF	HBUG	CREF	XMET	LMET	NLOC
doInBackground(ja...	5	3	31	225	77	24242.57	0.47	12	28	1	45
getPostDataString(...	3	0	13	107	41	7579.75	0.19	7	9	0	17
onPostExecute(jav...	1	0	3	30	18	500.39	0.04	3	2	1	4

Overview of the class: MainActivity$View.OnClickListener

Package Name	com.example.kshiteej.mietennotification
Name of class	MainActivity$View.OnClickListener
No. of instance variables declared	
No. of packages imported	android.os.AsyncTask
No. of local methods called	
No. of Methods called that are in the class hierarchy	getApplicationContext (1)
No. of External Methods called	e1.getText (1)
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of co...	6
Cumulative Halstead bugs	0.08	Cumulative Halstead effort	1312.35
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	167.42
Total Number of Comment Lines in the class	1	Total Lines of Code in the class	9
Review Factor	12.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	117.42
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	1.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	228.23
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	1
Cumulative Halstead length	48	No. of modifiers for this class declaration	2

Methods of the class MainActivity$View.OnClickListener

Package Name – com.example.manik.faq1

Class name- faqstudent

Package Name	com.example.manik.faq1		
Name of class	faqstudent		
No. of instance variables declared	SERVER_URL (java.lang.String)		
No. of packages imported	android.os.AsyncTask		
No. of local methods called			
No. of Methods called that are in the class hierarchy	setContentView (1)		
No. of External Methods called	View.OnClickListener.View.OnClickListener (1)		
No. of interfaces implemented			
Total number of methods	1	Lack of Cohesion of methods	2.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of code)	10
Cumulative Halstead bugs	0.24	Cumulative Halstead effort	5871.19
Unweighted Class size	3	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	104.02
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	12
Review Factor	60.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	2	Maintainability Index(Not including comments)	104.02
Specialization Ratio	0.00	ReUse Ratio	0.50
Cohesion	0.00	LCOM2	1.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	710.06
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	android.support.v7.app.AppCompatActivity	SIX	0.00
Total number of superclasses	1	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	0
Cumulative Halstead length	132	No. of modifiers for this class declaration	1

Methods

Filter..

Name	COMP	NOCL	NOS	HLTH	HVOC	HEFF	HBUG	CREF	XMET	LMET	NLOC
onCreate(android.o...	1	0	7	120	48	5778.17	0.22	6	4	3	16

Class name- faqstudent$SendData

Package Name	com.example.manik.faq1		
Name of class	faqstudent$SendData		
No. of instance variables declared	client (java.net.HttpURLConnection)		
No. of packages imported	android.os.AsyncTask		
No. of local methods called	getPostDataString (1)		
No. of Methods called that are in the class hierarchy	super.onPostExecute (1)		
No. of External Methods called	org.json.JSONObject.put (1)		
No. of interfaces implemented			
Total number of methods	3	Lack of Cohesion of methods	1.00
Average Cyclomatic Complexity	3.00	Total number of Java statements (alternative to lines of code)	50
Cumulative Halstead bugs	0.72	Cumulative Halstead effort	32908.85
Unweighted Class size	4	Total Response For Class	3
CBO (Coupling Between Objects)	0	Maintainability Index	94.02
Total Number of Comment Lines in the class	1	Total Lines of Code in the class	71
Review Factor	26.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	2	Maintainability Index(Not including comments)	94.02
Specialization Ratio	0.00	ReUse Ratio	0.50
Cohesion	0.33	LCOM2	4.00
Maximum Cyclomatic Complexity	5	Cumulative Halstead volume	2162.43
Total number of query methods	2	Fan Out (Efferent Coupling)	0
Name of superclass	android.os.AsyncTask	SIX	0.00
Total number of superclasses	1	Total Cyclomatic Complexity	9
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	4
Cumulative Halstead length	376	No. of modifiers for this class declaration	0

Close

Methods

Filter..

Name	COMP	NOCL	NOS	HLTH	HVOC	HEFF	HBUG	CREF	XMET	LMET	NLOC
doInBackground(ja...	5	3	32	227	77	24707.63	0.47	12	28	1	45
getPostDataString(...	3	0	13	107	41	7579.75	0.19	7	9	0	17
onPostExecute(jav...	1	0	3	30	18	500.39	0.04	2	2	1	4

Class name- faqstudent$View.OnClickListener

Package Name	com.example.manik.faq1		
Name of class	faqstudent$View.OnClickListener		
No. of instance variables declared			
No. of packages imported	android.os.AsyncTask		
No. of local methods called			
No. of Methods called that are in the class hierarchy	getApplicationContext (1)		
No. of External Methods called	com.example.manik.faq1.SendData.SendData (1)		
No. of interfaces implemented			
Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of code)	6
Cumulative Halstead bugs	0.08	Cumulative Halstead effort	1312.35
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	117.42
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	9
Review Factor	12.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	117.42
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	0.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	228.23
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	0
Cumulative Halstead length	48	No. of modifiers for this class declaration	2

Close

Package: com.rishabh.example.training
Class: Pdf

Class: PdfAdapter

Class: PdfAdapter$PdfHolder

Class Information

Package Name	chutka.bitman.com.uploadpdfsimplified		
Name of class	PdfAdapter$PdfHolder		
No. of instance variables declared	textViewUri: [android.widget.TextView]		
No. of packages imported	android.app.Activity		
No. of local methods called			
No. of Methods called that are in the class hierarchy			
No. of External Methods called			
No. of interfaces implemented			
Total number of methods	0	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	0.00	Total number of Java statements (alternative to lines of code)	2
Cumulative Halstead bugs	0.01	Cumulative Halstead effort	15.51
Unweighted Class size	2	Total Response For Class	0
CBO (Coupling Between Objects)	0	Maintainability Index	171.00
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	4
Review Factor	0.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	171.00
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	0.00
Maximum Cyclomatic Complexity	0	Cumulative Halstead volume	15.51
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	0
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	0	Total Number of Comments in the class	0
Cumulative Halstead length	6	No. of modifiers for this class declaration	0

Close

Class: MainActivity

JHawk 6 - The Java Metric Tool (DEMO version)

Help

JHawk Demo | Welcome | Select Files | Results | Export | Preferences

Dashboard | System | Classes by package | Methods by class | All Methods In System | All Classes in System

Packages

chutka.bitman.com.uploadpdfsimplified

Classes

FilePath
MainActivity
MainActivity$AdapterView.OnItemClickListener
MainActivity$Response.ErrorListener
MainActivity$Response.Listener<String>
Pdf
PdfAdapter
PdfAdapter$PdfHolder

Methods

Filter..

Name	COMP	NOCL	NOS	HLTH	HVOC	HEFF	HBUG	CREF	XMET	LMET	NLOC
getPdfs() (chutka.b...	3	2	6	225	82	17453.62	0.48	6	7	0	38
onActivityResult(int...	2	1	4	49	25	2324.25	0.08	2	1	1	6
onClick(android.vie...	4	0	7	36	18	668.70	0.05	1	0	3	11
onCreate(android.o...	1	7	14	191	63	12759.73	0.38	7	4	4	25
onRequestPermissi...	3	5	5	69	33	3381.19	0.12	3	2	0	9
requestStoragePer...	3	5	4	52	25	1931.84	0.08	5	4	0	7
showFileChooser() ...	1	1	5	36	19	802.86	0.05	1	4	1	6
uploadMultipart() (c...	3	8	9	114	49	5501.20	0.21	7	12	0	19

chutka.bitman.com.uploadpdfsimplified.MainActivity

Exit

Class: MainActivity$AdapterView.onItemClickListener

Class Information

Package Name	chutka.bitman.com.uploadpdfsimplified		
Name of class	MainActivity$AdapterView.OnItemClickListener		
No. of instance variables declared			
No. of packages imported	android.Manifest		
No. of local methods called			
No. of Methods called that are in the class hierarchy	startActivity (1)		
No. of External Methods called	android.content.Intent.addCategory (1)		
No. of interfaces implemented			
Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of code)	8
Cumulative Halstead bugs	0.12	Cumulative Halstead effort	2825.26
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	1	Maintainability Index	110.14
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	11
Review Factor	18.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	110.14
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	1.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	356.72
Total number of query methods	0	Fan Out (Efferent Coupling)	1
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	0
Cumulative Halstead length	69	No. of modifiers for this class declaration	2

Close

Exit

Type here to search ENG 1:31 PM 07-Nov-17

Class: MainActivity$Response.ErrorListener

Class Information

Package Name	chutka.bitman.com.uploadpdfsimplified		
Name of class	MainActivity$Response.ErrorListener		
No. of instance variables declared			
No. of packages imported	android.Manifest		
No. of local methods called			
No. of Methods called that are in the class hierarchy			
No. of External Methods called			
No. of interfaces implemented			
Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of code)	2
Cumulative Halstead bugs	0.01	Cumulative Halstead effort	57.06
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	145.94
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	5
Review Factor	2.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	145.94
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	1.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	28.53
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	0
Cumulative Halstead length	9	No. of modifiers for this class declaration	2

Close

Exit

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Class: MainActivity$Response.Listener <String>

Class: FilePath

Package Information:

Package name: phpmysql.example.com.phpmysql
Classes :

1. **MainActivity**

Class Information

Package Name	phpmysql.example.com.phpmysql
Name of class	MainActivity
No. of instance variables declared	name (java.lang.String)
No. of packages imported	android.net.http.RequestQueue
No. of local methods called	
No. of Methods called that are in the class hierarchy	setContentView (1)
No. of External Methods called	View.OnClickListener.View.OnClickListener (1)
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	3.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of code)	12
Cumulative Halstead bugs	0.32	Cumulative Halstead effort	9343.84
Unweighted Class size	4	Total Response For Class	1
CBO (Coupling Between Objects)	1	Maintainability Index	99.48
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	14
Review Factor	63.00	Fan In (Afferent Coupling)	1
Depth of Inheritance Tree	2	Maintainability Index(Not including comments)	99.48
Specialization Ratio	0.00	ReUse Ratio	0.50
Cohesion	0.00	LCOM2	1.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	961.44
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	android.support.v7.app.AppCompatActivity	SIX	0.00
Total number of superclasses	1	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	0
Cumulative Halstead length	173	No. of modifiers for this class declaration	1

Close

2. MainActivity$SendData

JHawk 6 - The Java Metric Tool (DEMO version)

Help

JHawk Demo | Welcome | Select Files | Results | Export | Preferences

Dashboard | System | Classes by package | Methods by class | All Methods In System | All Classes in System

Packages

- com.example.kshiteej.mietennotification
- com.example.luvkush.preferences
- com.example.manik.faq1
- com.example.renuka.json_insert
- phpmysql.example.com.phpmysql

Classes

- MainActivity
- MainActivity$SendData
- MainActivity$View.OnClickListener

Methods

Filter..

Name	COMP	NOCL	NOS	HLTH	HVOC	HEFF	HBUG	CREF	XMET	LMET	NLOC
doInBackground(ja...	5	2	32	232	79	25283.50	0.49	12	28	1	46
getPostDataString(...	3	0	13	107	41	7579.75	0.19	7	9	0	17
onPostExecute(jav...	1	0	3	30	18	500.39	0.04	3	2	1	4

phpmysql.example.com.phpmysql.MainActivity$SendData

Exit

Type here to search

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Class Information

Package Name	phpmysql.example.com.phpmysql
Name of class	MainActivity$SendData
No. of instance variables declared	client (java.net.HttpURLConnection)
No. of packages imported	android.net.http.RequestQueue
No. of local methods called	getPostDataString (1)
No. of Methods called that are in the class hierarchy	super.onPostExecute (1)
No. of External Methods called	org.json.JSONObject.put (2)
No. of interfaces implemented	

Total number of methods	3	Lack of Cohesion of methods	1.00
Average Cyclomatic Complexity	3.00	Total number of Java statements (alternative to lines of code)	50
Cumulative Halstead bugs	0.73	Cumulative Halstead effort	33484.72
Unweighted Class size	4	Total Response For Class	3
CBO (Coupling Between Objects)	1	Maintainability Index	93.96
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	72
Review Factor	26.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	2	Maintainability Index(Not including comments)	93.96
Specialization Ratio	0.00	ReUse Ratio	0.50
Cohesion	0.33	LCOM2	4.00
Maximum Cyclomatic Complexity	5	Cumulative Halstead volume	2202.35
Total number of query methods	2	Fan Out (Efferent Coupling)	1
Name of superclass	android.os.AsyncTask	SIX	0.00
Total number of superclasses	1	Total Cyclomatic Complexity	9
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	3
Cumulative Halstead length	381	No. of modifiers for this class declaration	0

Close

3. MainActivity$View.OnClickListener

JHawk 6 - The Java Metric Tool (DEMO version)

Help

JHawk Demo | Welcome | Select Files | Results | Export | Preferences

Dashboard | System | Classes by package | Methods by class | All Methods In System | All Classes in System

Packages

com.example.kshiteej.mietennotification
com.example.luvkush.preferences
com.example.manik.faq1
com.example.renuka.json_insert
phpmysql.example.com.phpmysql

Classes

MainActivity
MainActivity$SendData
MainActivity$View.OnClickListener

Methods

Filter..

Name	COMP	NOCL	NOS	HLTH	HVOC	HEFF	HBUG	CREF	XMET	LMET	NLOC
onClick(android.vie...	1	0	6	63	30	1987.29	0.10	3	7	1	7

MainActivity$View.OnClickListener

Exit

Type here to search

ENG 1:24 PM 07-Nov-17

‘Mainactivity$View.OnClickListener’

Package : com.example.renuka.json_insert
Class: MainActivity$SendData

Name	COMP	NOCL	NOS	HLTH	HVOC	HEFF	HBUG	CREF	XMET	LMET	NLOC
doInBackground(ja...	5	2	36	255	85	28916.21	0.54	12	28	1	47
getPostDataString(...	3	0	13	107	41	7579.75	0.19	7	9	0	17
onPostExecute(jav...	1	0	3	30	18	500.39	0.04	3	2	1	4

Class: MainActivity

Class Information

Package Name	com.example.renuka.json_insert
Name of class	MainActivity
No. of instance variables declared	etphone...(android.widget.EditText)
No. of packages imported	android.app.ProgressDialog
No. of local methods called	
No. of Methods called that are in the class hierarchy	setContentView (1)
No. of External Methods called	View.OnClickListener.View.OnClickListener (1)
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	10.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of code)	19
Cumulative Halstead bugs	0.39	Cumulative Halstead effort	10714.59
Unweighted Class size	17	Total Response For Class	1
CBO (Coupling Between Objects)	1	Maintainability Index	91.56
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	21
Review Factor	51.00	Fan In (Afferent Coupling)	1
Depth of Inheritance Tree	2	Maintainability Index(Not including comments)	91.56
Specialization Ratio	0.00	ReUse Ratio	0.50
Cohesion	0.38	LCOM2	0.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	1166.69
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	android.support.v7.app.AppCompatActivity	SIX	0.00
Total number of superclasses	1	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	1
Cumulative Halstead length	220	No. of modifiers for this class declaration	1

Close

Exit

Type here to search

ENG 1:14 PM 07-Nov-17

Class Name: MainActivity$View.OnClickListener

Class Information

Package Name	com.example.renuka.json_insert
Name of class	MainActivity$View.OnClickListener
No. of instance variables declared	
No. of packages imported	android.app.ProgressDialog
No. of local methods called	
No. of Methods called that are in the class hierarchy	
No. of External Methods called	com.example.renuka.json_insert.SendData.SendData (1)
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of code)	9
Cumulative Halstead bugs	0.12	Cumulative Halstead effort	2557.51
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	158.57
Total Number of Comment Lines in the class	1	Total Lines of Code in the class	12
Review Factor	48.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	108.57
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	1.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	365.36
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	1
Cumulative Halstead length	76	No. of modifiers for this class declaration	2

Close

Exit

Type here to search

ENG 1:15 PM 07-Nov-17

Class Name: com.example.renuka.json_insert

Class Information

Package Name	com.example.renuka.json_insert
Name of class	MainActivity$SendData
No. of instance variables declared	client (java.net.HttpURLConnection)
No. of packages imported	android.app.ProgressDialog
No. of local methods called	getPostDataString (1)
No. of Methods called that are in the class hierarchy	super.onPostExecute (1)
No. of External Methods called	org.json.JSONObject.put (5)
No. of interfaces implemented	

Total number of methods	3	Lack of Cohesion of methods	1.00
Average Cyclomatic Complexity	3.00	Total number of Java statements (alternative to lines of code)	54
Cumulative Halstead bugs	0.79	Cumulative Halstead effort	37117.43
Unweighted Class size	4	Total Response For Class	3
CBO (Coupling Between Objects)	1	Maintainability Index	91.70
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	73
Review Factor	26.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	2	Maintainability Index(Not including comments)	91.70
Specialization Ratio	0.00	ReUse Ratio	0.50
Cohesion	0.33	LCOM2	4.00
Maximum Cyclomatic Complexity	5	Cumulative Halstead volume	2374.26
Total number of query methods	2	Fan Out (Efferent Coupling)	1
Name of superclass	android.os.AsyncTask	SIX	0.00
Total number of superclasses	1	Total Cyclomatic Complexity	9
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	3
Cumulative Halstead length	404	No. of modifiers for this class declaration	0

Close

Exit

Type here to search

ENG 1:15 PM 07-Nov-17

This package ‘com.example.renuka.json_insert’ lists the class ‘MainActivity’ and its Overview.

Class Name: com.example.luvkush.preferences

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and briefs about CK Metrics data of ‘Mainactivity$View.OnClickListener$DialogInterface.OnClickListner_1’

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and briefs about CK Metrics data of ‘Mainactivity$View.OnClickListener$DialogInterface.OnClickListner_0’

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and briefs about CK Metrics data of ‘Mainactivity$View.OnClickListener$DialogInterface.OnClickListner’

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and briefs about CK Metrics data of ‘Mainactivity$View.OnClickListener’

This package ‘com.example.luvkush.preferences’ lists the class ‘MainActivity’ and briefs about CK Metrics data of ‘Mainactivity’

Name	COMP	NOCL	NOS	HLTH	HVOC	HEFF	HBUG	CREF	XMET	LMET	NLOC
onCreate(android.o...	5	7	8	341	92	44641.00	0.74	5	3	4	57
onCreateOptionsM...	1	0	3	24	17	412.02	0.03	2	1	1	4
onOptionsItemSele...	2	10	10	68	31	3297.93	0.11	3	3	0	13

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and the Overview of ‘Mainactivity$View.OnClickListener$DialogInterface.OnMultiChoiceClickListner’

Class Information

Package Name	com.example.luvkush.preferences
Name of class	MainActivity$View.OnClickListener$DialogInterface.OnMultiChoiceClickListener
No. of instance variables declared	
No. of packages imported	android.content.DialogInterface
No. of local methods called	
No. of Methods called that are in the class hierarchy	
No. of External Methods called	java.lang.Integer.valueOf (1)
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	2.00	Total number of Java statements (alternative to lines of code)	5
Cumulative Halstead bugs	0.05	Cumulative Halstead effort	825.63
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	79.51
Total Number of Comment Lines in the class	7	Total Lines of Code in the class	10
Review Factor	4.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	121.80
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	0.00
Maximum Cyclomatic Complexity	2	Cumulative Halstead volume	160.54
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	2
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	7
Cumulative Halstead length	36	No. of modifiers for this class declaration	2

Close

Exit

Type here to search

ENG 1:12 PM 07-Nov-17

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and the Overview of ‘Mainactivity$View.OnClickListener$DialogInterface.OnClickListner_1’

Class Information

Package Name	com.example.luvkush.preferences
Name of class	MainActivity$View.OnClickListener$DialogInterface.OnClickListener_1
No. of instance variables declared	
No. of packages imported	android.content.DialogInterface
No. of local methods called	
No. of Methods called that are in the class hierarchy	
No. of External Methods called	
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	2.00	Total number of Java statements (alternative to lines of code)	9
Cumulative Halstead bugs	0.07	Cumulative Halstead effort	1505.55
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	110.22
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	10
Review Factor	2.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	110.22
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	0.00
Maximum Cyclomatic Complexity	2	Cumulative Halstead volume	211.52
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	2
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	0
Cumulative Halstead length	44	No. of modifiers for this class declaration	2

Close

Exit

Type here to search

ENG 1:12 PM 07-Nov-17

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and the Overview of ‘Mainactivity$View.OnClickListener$DialogInterface.OnClickListner_0’

Class Information

Package Name	com.example.luvkush.preferences
Name of class	MainActivity$View.OnClickListener$DialogInterface.OnClickListener_0
No. of instance variables declared	
No. of packages imported	android.content.DialogInterface
No. of local methods called	
No. of Methods called that are in the class hierarchy	
No. of External Methods called	android.content.DialogInterface.dismiss (1)
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines of code)	3
Cumulative Halstead bugs	0.02	Cumulative Halstead effort	205.60
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	134.99
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	6
Review Factor	3.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	134.99
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	1.00
Maximum Cyclomatic Complexity	1	Cumulative Halstead volume	60.92
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	1
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	0
Cumulative Halstead length	16	No. of modifiers for this class declaration	2

Close

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and the Overview of ‘Mainactivity$View.OnClickListener$DialogInterface.OnClickListner’

Class Information

Package Name	com.example.luvkush.preferences
Name of class	MainActivity$View.OnClickListener$DialogInterface.OnClickListener
No. of instance variables declared	
No. of packages imported	android.content.DialogInterface
No. of local methods called	
No. of Methods called that are in the class hierarchy	
No. of External Methods called	
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	3.00	Total number of Java statements (alternative to lines of code)	11
Cumulative Halstead bugs	0.12	Cumulative Halstead effort	4316.29
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	0	Maintainability Index	103.28
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	13
Review Factor	2.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	103.28
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	0.00
Maximum Cyclomatic Complexity	3	Cumulative Halstead volume	348.79
Total number of query methods	0	Fan Out (Efferent Coupling)	0
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	3
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	0
Cumulative Halstead length	68	No. of modifiers for this class declaration	2

Filter..

Exit

Type here to search

ENG 1:11 PM 07-Nov-17

This package ‘com.example.luvkush.preferences’ lists the element of the class ‘MainActivity’ and the Overview of ‘Mainactivity$View.OnClickListener’

Class Information

Package Name	com.example.luvkush.preferences
Name of class	MainActivity$View.OnClickListener
No. of instance variables declared	
No. of packages imported	android.content.DialogInterface
No. of local methods called	
No. of Methods called that are in the class hierarchy	
No. of External Methods called	Builder.setPositiveButton (1)
No. of interfaces implemented	

Total number of methods	1	Lack of Cohesion of methods	0.00
Average Cyclomatic Complexity	5.00	Total number of Java statements (alternative to lines of ...	11
Cumulative Halstead bugs	0.54	Cumulative Halstead effort	32086.82
Unweighted Class size	1	Total Response For Class	1
CBO (Coupling Between Objects)	1	Maintainability Index	96.30
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	10
Review Factor	16.00	Fan In (Afferent Coupling)	0
Depth of Inheritance Tree	1	Maintainability Index(Not including comments)	96.30
Specialization Ratio	0.00	ReUse Ratio	0.00
Cohesion	0.00	LCOM2	0.00
Maximum Cyclomatic Complexity	5	Cumulative Halstead volume	1605.08
Total number of query methods	0	Fan Out (Efferent Coupling)	1
Name of superclass	java.lang.Object	SIX	0.00
Total number of superclasses	0	Total Cyclomatic Complexity	5
Total number of sub classes	0	Message passing coupling (MPC) value	0
Total number of command methods	1	Total Number of Comments in the class	7
Cumulative Halstead length	261	No. of modifiers for this class declaration	2

Close

com.example.luvkush.preferences

Filter..

LOC	RVF
74	28.00
10	16.00
13	2.00
6	3.00
10	2.00
10	4.00

Exit

Type here to search

ENG 1:10 PM 07-Nov-17

This package ‘com.example.luvkush.preferences’ lists the class ‘MainActivity’ and its Overview.

Class Information

Package Name	com.example.luvkush.preferences		
Name of class	MainActivity		
No. of instance variables declared	checkedItems : (boolean[])		
No. of packages imported	android.content.DialogInterface		
No. of local methods called			
No. of Methods called that are in the class hierarchy	getMenuInflater (1)		
No. of External Methods called	android.widget.Toast.makeText (2)		
No. of interfaces implemented			
Total number of methods	3	Lack of Cohesion of methods	0.10
Average Cyclomatic Complexity	2.67	Total number of Java statements (alternative to lines of code)	27
Cumulative Halstead bugs	0.93	Cumulative Halstead effort	48999.28
Unweighted Class size	8	Total Response For Class	4
CBO (Coupling Between Objects)	1	Maintainability Index	84.13
Total Number of Comment Lines in the class	17	Total Lines of Code in the class	74
Review Factor	28.00	Fan In (Afferent Coupling)	1
Depth of Inheritance Tree	2	Maintainability Index(Not including comments)	102.00
Specialization Ratio	0.00	ReUse Ratio	0.50
Cohesion	0.27	LCOM2	4.00
Maximum Cyclomatic Complexity	5	Cumulative Halstead volume	2793.30
Total number of query methods	2	Fan Out (Efferent Coupling)	0
Name of superclass	android.support.v7.app.AppCompatActivity	SIX	0.00
Total number of superclasses	1	Total Cyclomatic Complexity	8
Total number of sub classes	0	Message passing coupling (MPC) value	1
Total number of command methods	1	Total Number of Comments in the class	8
Cumulative Halstead length	463	No. of modifiers for this class declaration	1

Close

This package ‘com.example.luvkush.preferences’ lists the class ‘MainActivity’ and its Overview.