Activities

Fragments

Calculations

<<Interface>>

PassData

DataPlaceholder(data: String): void

BackBat

- width: Conversion
- length: Conversion
- fWidth: Conversion
- overage: Conversion
- -
- CMTOYARDRATIO: double
- INCHTOYARDRATIO: double
- -
+ BackBat()
+ BackBat(width: Conversion; length: Conversion; fWidth: Conversion; overage: Conversion)
+ getWidth(): Conversion
+ getLength(): Conversion
+ getFWidth(): Conversion
+ getOverage(): Conversion
+ setWidth(width: Conversion): void
+ setLength(length: Conversion): void
+ setFWidth(width: Conversion): void
+ setOverage(overage: Conversion): void
+ setCm(cm: double): void
+ setRationalInch(numerator: int; denominator: int; whole: int): void
+ findLengthCm(): Conversion
+ findLengthInch(): Conversion
+ toString(): String

Fractions

\# numerator: int
\# denominaror: int
\# whole: int
\# decimal: double
- -
+ Fractions()
+ Fractions(number: double)
+ Fraction(numerator: int; denominator: int; whole: int)
+ setRational(number: double): void
+ setRational(merator: int; denominator: int; whole: int): rational
+ setDecimal(): void
+ setDecimal(merator: int; denominator: int; whole: int): void
+ setDecimal(number: double): void
+ setDenominator(number: int): void
+ setNumerator(number: int): void
+ setWhole(number: int): void
+ getDenominator(): int
+ getNumer(): int
+ getWhole(): int
+ getDecimal: double
+ add(adder: double): Fractions
+ add(adder: Fractions): Fractions
+ multiply(multiplier: Fractions): Fractions
+ compare(compareTo: Fractions): int
- commonFactor(num: int; div:int): int
+ toString(): String

Conversion

- cm: double
- meters: double
- inch: double
- feet: double
- yard: double
- rationalInch: Fractions
- rationalFeet: Fractions
- rationalYard: Fractions
- -
- INCHTOYARDRATIO: double
- FEETTOINCHRATIO: double
- FEETTOYARDRATIO: double
- -
+ Conversion()
+ Conversoin(conversion: Conversion)
+ setCm(value: double): void
+ setMeters(value: double): void
+ setInch(value: double): void
+ setFeet(value: double): void
+ setYard(value: double): void
+ setRationalInch(numerator: int; denominator: int; whole: int):void
+ setRationalFeet(numerator: int; denominator: int; whole: int): void
+ setRationalYard(numerator: int; denominator: int; whole: int): void
+ getCm(): double
+ getMeters(): double
+ getInch(): double
+ getFeet(): double
+ getYard(): double
+ getRationalInch(): Fractions
+ getRationalFeet(): Fractions
+ getRationalYard(): Fractions
- rational(inch: double; feet: double; yard: double): void
+ toString(): String

Fragments Package

BackBatActivityFragmentMain

+ dropMenu: Spinner

+ BackBatActivityFragment()
+ onCreateView(inflater: LayoutInflater;
container: ViewGroup;
savedInstanceState; Bundle): View

BackBatActivityFragmentDecimal

-memberName

+ BackBatActivityFragmentDecimal()
+ onCreateView(inflater: LayoutInflater;
container: ViewGroup;
savedInstanceState; Bundle): View

ConverterActivityDecimalFragment

- *decimalInput: EditText*
- calculate: Button
- dropMenu: Spinner
- passData: PassData

+ ConverterActivityDecimalFragment()
+ onAttach(activity: Activity): void
+ onCreateView(inflater: LayoutInflater;
container: ViewGroup;
savedInstanceState; Bundle): View
+ data(view: View): void

BackBatActivityFragmentRational

-memberName

+ BackBatActivityFragmentRational()
+ onCreateView(inflater: LayoutInflater;
container: ViewGroup;
savedInstanceState; Bundle): View

ConverterActivityRationalFragment

- *whole: EditText*
- *denominator: EditText*
- *numerator: EditText*
- calculate: Button
- dropmenu: Spinner
+ passData: PassData

+ ConverterActivityRationalFragment()
+ onAttach(activity: Activity): void
+ onCreateView(inflater: LayoutInflater;
container: ViewGroup;
savedInstanceState; Bundle): View
+ data(view: View): void

addFragment

- mAdView: AdView

+ onCreateView(inflater: LayoutInflater;
container: ViewGroup;
savedInstanceState; Bundle): View

BackBatActivityFragmentResult

-memberName

+ BackBatActivityFragmentResult()
+ onCreateView(inflater: LayoutInflater;
container: ViewGroup;
savedInstanceState; Bundle): View

ConverterActivity

- btCalc: Button
- dropMenu: Spinner
- txtConverted: TextView

+ onCreate(savedInstanceState: Bundle): void
+ dataPlaceholder(data: String): void

StartActivity

+ btFab: Button
+ btBatting: Button
+ btPiece: Button

+ onCreate(savedInstanceState: Bundle): void

BackBatActivity

-memberName

+ onCreate(savedInstanceState: Bundle): void

<<Interface>>

PassData

Activities

StartActivity

ConverterActivity

BackBatActivity

fragments

ConverterActivityRationalFragment

ConverterActivityDecimalFragment

BackBatActivityFragmentMain

BackBatActivityFragmentDecimal

BackBatActivityFragmentRational

BackBatActivityFragmentResult

AddFragment

Calculations

BackBat

Conversion

Fractions

Andriod API

AppCompatActivity

Fragment