Object Oriented Programming

Example declaration

private int calculationPrice(int quantity)

Access Modifier (private or public) 🡪 who has access to this method.

* Private can only be called inside its own activity.
* Public can be call anywhere on the project.

Return data type (String , int , etc) 🡪 returning value

Method name 🡪 name of the method.

* Should begin with a verb.
* Should begin with lowercase letter.
* Use camel casing in multiple words.

Input parameter –

* Contains data type and variable name.

Mehtods tutorial -- <https://docs.oracle.com/javase/tutorial/java/javaOO/methods.html>

ViewSource for class(chrome extension) 🡪 <https://chrome.google.com/webstore/detail/android-sdk-search/hgcbffeicehlpmgmnhnkjbjoldkfhoin>

Creating an Object format

TextView priceTextView = new TextView(context);

Object\_data\_type variable\_name = initial\_value(input arg);

MEDIA PLAYER

Object DataType VariableName = ObjectDataType.FactoryMethodName(inputArguments);

MediaPlayer player = MediaPlayer.create(context, R.raw.song);

Toast toastMessage = Toast.makeText(context, “Hi”, duration);

Calling method on Object

Format

Object variable name . method name (input argument);

Example 🡪 titleTextView.setText(“News”);

Overriding classes extension or inheritance

@overide

Method from AppCompatActivity{