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***Abstract***

“Converter App”  
This App Is Developed Using Java With The Help Of Android Studio IDE

Project Report

Android Application For Number System Conversion

#Pre-Requisites For Usage :

* An Android Device With API Level > 4.0 (Ice-Cream Sandwich)

#Technology Used:

* Java JDK 11.03 (LTS-Version)
* Android SDK (4.0.3 [Ice-Cream Sandwich] To 10 [Android Q] )
* Android Studio (IDE For Android Developement)
* XML(For Layout-Designing)
* Gradle 5.5 (A Build Automation Tool)

#Program Interface (GUI):

* Uses Simple GUI Provided By Android SDK
* GUI Consists Of:

1. A “Text Field” To Take Number As Input
2. Two “Text Field” Which Take Number Only

(Takes Base1 & Base2 Where Number Is Converted From Base1->Base2 Number System)

1. A “Button” Which When Clicked Operates The Code &Converts The Number
2. A “Label” Used To Show The Result & Warning (When Any Field Is Empty)
3. The Application Has A Single Activity Names As “Main Activity”

#Target Audience:

* Students Who Are Preparing For Competitive Exams
* In General Computation Task For CS Students
* Can Be Used By Any Person Who Have Basic Knowledge OF Operating Android Device
* Can Be Used As Tool In Competitive Exams(If Allowed To Use In A Competition Exams)

#Features:

* Easy To Use Interface (GUI)
* User Friendly (Any Person With Basic Android Knowledge Can Use It)
* Portable (As Android Device Can Be Easily Carried)
* Shareable From One Android Device To Other
* Low Storage Requirements (1-2 MB)
* No Need For An Internet Connection

#Links:

* GitHub Repository : <https://github.com/Vinay-Tare/Number_System_Converter_App>

#Some Screen Captures Showing App UI:

