WHAT IS THIS PROJECT

I have created a simple message cryptography android app by which you can encrypt or decrypt a message using RSA algorithm.

In order to use these given files you need minimum knowledge on android studio, fragments, Java ,Xml.

I have included apk file in this folder , you can test it by installing in your android device

WHOLE PROJECT

if you want the whole folder of this project , so that you can import it to android studio then go to this link and download it here

https://drive.google.com/open?id=0B6xmXdzMSLgxdEZGdnlYTXpRUVk

WHY DO YOU NEED THIS

when you are chatting with your friend using any messaging app anyone can easily snoop into your network and can see what you and your friend are chatting. So the information you are chatting will be public

In order to overcome this, encrypt your message by this app , so even if anyone snoops your network he will only see the encrypted text.

HOW DOES THIS WORKS

1) Before creating a conversation with your friends via any messaging app open this app and go to GENERATE window and click “Generate” button this will give you 256 bit public key .

2)long press this key , now you can see copy or share option .Now share this key with your friend with whom you want to start conversation.

3)Your friend will then go to his app and opens encrypt window ,then pastes your public key and his message , then he clicks “encrypt” which will give a cipher text

4)Then your friend will share this cipher text using any messaging app

5)You will copy this cipher text and go to decrypt window then paste this cipher text and press “Decrypt” which will give you the original message from your friend