1.Unicode: Universal Character Encoding

-- efficiently represented each character as a number

2. Random Base generation for Conversion

3. Dynamic Polyalphabetic to letter substitution

-- multiple letters for single number representation

-- letter representation changes based upon its base

4. Letter by Letter Substitution… (see example).

ɑΔ

\*\* Unicode encoding position… Repetitious Creation.

[**UNICODE ASCII PART**](http://www.asciitable.com/index/asciifull.gif)

[**BaseConvert**](https://www.tools4noobs.com/online_tools/base_convert/)

**Base 2: Base 3: Base 4: Base 5: Base 6: Base 7:**

**A 0 0 0 0 0 0**

**B 1 1 1 1 1 1**

**C 0 2 2 2 2 2**

**D 1 0 3 3 3 3**

**E 0 1 0 4 4 4**

**F 1 2 1 0 5 5**

**G 0 0 2 1 0 6**

**H 1 1 3 2 1 0**

**I 0 2 0 3 2 1**

**J 1 0 1 4 3 2**

**K 0 1 2 0 4 3**

**L 1 2 3 1 5 4**

**M 0 0 0 2 0 5**

**N 1 1 1 3 1 6**

**O 0 2 2 4 2 0**

**P 1 0 3 0 3 1**

**Q 0 1 0 1 4 2**

**R 1 2 1 2 5 3**

**S 0 0 2 3 0 4**

**T 1 1 3 4 1 5**

**U 0 2 0 0 2 6**

**V 1 0 1 1 3 0**

**W 0 1 2 2 4 1**

**X 1 2 3 3 5 2**

**Y 0 0 0 4 0 3**

**Z 1 1 1 0 1 4**

**STAGE2**

**public String Decrypt(){**

**int letterLength = 0;**

**String tempTest = textValue;**

**int lineLength = textValue.length()/7;**

**String checkText;**

**String testValue;**

**BufferedReader bi;**

**int letterStart = 0;**

**finalText = "";**

**for(int b = 0; tempTest.indexOf("= ")!= -1;b=b){**

**checkText = "";**

**testValue = "";**

**tempTest = tempTest.substring(tempTest.indexOf("="));**

**letterLength = tempTest.indexOf("= ");**

**tempTest = tempTest.substring(letterLength+2);**

**for(int i = 0; i<6; i++){**

**checkText += textValue.substring(letterStart+i\*lineLength, letterStart+i\*lineLength+letterLength+1);**

**}**

**for(int i = 0; i<36; i++)**

**{**

**testValue = "";**

**try{**

**if(i<10){**

**testValue += (char)(i+48);**

**bi = constructStuffs(testValue);**

**testValue = bi.readLine() +bi.readLine()+bi.readLine()+bi.readLine()+bi.readLine()+bi.readLine();**

**if(testValue.equals(checkText)){**

**finalText += (char)(i+48);**

**}**

**}**

**else{**

**testValue += (char)(i+55);**

**bi = constructStuffs(testValue);**

**testValue = bi.readLine() +bi.readLine()+bi.readLine()+bi.readLine()+bi.readLine()+bi.readLine();**

**if(testValue.equals(checkText)){**

**finalText += (char)(i+55);**

**}**

**}**

**}catch(IOException ex){**

**System.out.println(ex);**

**return null;**

**}**

**}**

**letterStart += letterLength+2;**

**}**

**return finalText;**

**}**