Question: https://leetcode.com/problems/encode-and-decode-tinyurl/

Code:  
public class Codec {

char refference[] = new char[]{'0','1','2','3','4','5','6','7','8','9','a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u','v','w','x','y','z','A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','X','Y','Z'};

HashMap<String, String> longToShort = new HashMap<>(), shortToLong = new HashMap<>();

public String getCode(){

String res = "";

for(int i=0; i<6; i++) res+=refference[(int)((Math.random())\*62)];

return res;

}

// Encodes a URL to a shortened URL.

public String encode(String longUrl) {

if(longToShort.containsKey(longUrl)) return longToShort.get(longUrl);

String shortUrl = "http://tinyurl.com/"+getCode();

longToShort.put(longUrl, shortUrl);

shortToLong.put(shortUrl, longUrl);

return shortUrl;

}

// Decodes a shortened URL to its original URL.

public String decode(String shortUrl) {

return shortToLong.get(shortUrl);

}

}

Github Link :<https://lnkd.in/ecwtJeaz>