**Practical-1D: Railfence encryption Technique**

**code:**

package com.mycompany.tycs.rehmah;

import java.util.Scanner;

public class Prac3A {

public static void main(String[] args){

String rf;

String s = "";

Scanner sc = new Scanner(System.in);

System.out.println("Enter a String: ");

rf = sc.nextLine();

int i;

System.out.println("---\nFirst Half: ");

for(i=0; i<rf.length();i=i+2){

char c = rf.charAt(i);

s = s+c;

System.out.print(c);

}

System.out.println("\n---\nSecond Half: ");

for(i=1; i<rf.length();i=i+2){

char c = rf.charAt(i);

s = s+c;

System.out.print(c);

}

System.out.println("\n---\nCipher Text: "+s);

}

}

**Output:**

Enter a String:

helloworld

---

First Half:

hlool

---

Second Half:

elwrd

---

Cipher Text: hloolelwrd