**Source Code :**

import java.math.BigInteger;

import java.security.MessageDigest;

import java.security.NoSuchAlgorithmException;

import java.util.Scanner;

class practical\_7{

public static String encryptThisString(String sample){

try{

MessageDigest md = MessageDigest.getInstance("SHA-1");

byte[] messageDigest = md.digest(sample.getBytes());

BigInteger no = new BigInteger(1, messageDigest);

String hashtext = no.toString(16);

while(hashtext.length() < 32){

hashtext = "0" + hashtext;

}

return hashtext;

}

catch (NoSuchAlgorithmException e){

throw new RuntimeException(e);

}

}

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter message : ");

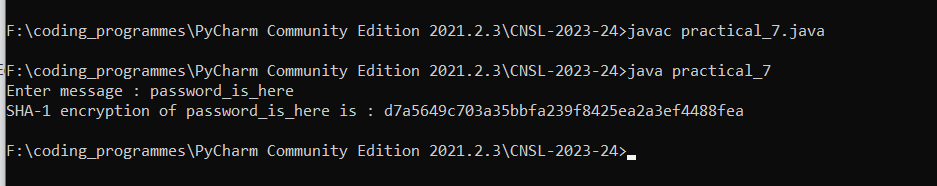
String inp = sc.next();

System.out.println("SHA-1 encryption of " + inp + " is : " + encryptThisString(inp));

}

}

**Output :-**

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