Coding:

import java.math.BigInteger;

import java.nio.charset.StandardCharsets;

import java.security.MessageDigest;

import java.security.NoSuchAlgorithmException;

class JavaSha {

public static byte[] getSHA(String input) throws NoSuchAlgorithmException {

MessageDigest md = MessageDigest.getInstance("SHA-256");

return md.digest(input.getBytes(StandardCharsets.UTF\_8));

}

public static String toHexString(byte[] hash) {

BigInteger number = new BigInteger(1, hash);

StringBuilder hexString = new StringBuilder(number.toString(16));

while (hexString.length() < 32) {

hexString.insert(0, "0");

}

return hexString.toString();

}

public static void main(String args[]) {

try {

System.out.println("HashCode Generated by SHA-256 for:");

String s1 = "JavaTPoint";

System.out.println("\n" + s1 + " : " + toHexString(getSHA(s1)));

String s2 = "HashFunc";

System.out.println("\n" + s2 + " : " + toHexString(getSHA(s2)));

} catch (NoSuchAlgorithmException e) {

System.out.println("Exception thrown for incorrect algorithm: " + e);

}

}

}

Output:

