

// COTB42 PHULE PRATHAMESH DNYANDEV

// Assignment No.5

```
import java.math.BigInteger;

import java.security.MessageDigest;

import java.security.NoSuchAlgorithmException;

// Java program to calculate MD5 hash value

public class Ass5 {

    public static String getMd5(String input)

    {

        try {

            MessageDigest md = MessageDigest.getInstance("MD5");

            byte[] messageDigest = md.digest(input.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[]) throws NoSuchAlgorithmException

    {

        String s = "PRATHAMESH";

        System.out.println("Your HashCode Generated by MD5 is: " +getMd5(s));

    }

}
```

OUTPUT:

