- **Program Code:**

```java
import java.math.BigInteger;
import java.security.MessageDigest;
import java.security.NoSuchAlgorithmException;


public class MD5 {
    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 = "PratikBangal";

                System.out.println(s);

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

        }

    }
```

- **Output:**

Output	Clear

```
java -cp /tmp/5MDWywq860 MD5
PratikBangal
Your HashCode Generated by MD5 is: 2fb8972bc9bee701cf2c5bafd65a6f51
```