GeradorHash

```java
import java.security.MessageDigest;
import java.util.Scanner;

public class GeradorHash {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.println("=== Gerador de Hash SHA-256 ===");
        System.out.print("Digite o texto: ");
        String entrada = sc.nextLine();

        try {
            MessageDigest md = MessageDigest.getInstance("SHA-256");
            byte[] hashBytes = md.digest(entrada.getBytes("UTF-8"));

            StringBuilder sb = new StringBuilder();
            for (byte b : hashBytes) {
                sb.append(String.format("%02x", b));
            }

            System.out.println("\nTexto original: " + entrada);
            System.out.println("Hash SHA-256: " + sb.toString());
        } catch (Exception e) {
            System.out.println("Erro ao gerar hash: " + e.getMessage());
        }

        sc.close();
    }
}
```