

Output:

```
C:\Users\Dell\Desktop\orchid\5th sem\csc_316_cry_cryptography\lab_cry\labs\002_hill\002_hill.exe
Enter a inversible 3x3 matrix as key:
1 2 3
0 1 4
5 6 0

Enter a 3 letter message: eat

Enter choice:
[1] Encrypt
[2] Decrypt
[3] Exit
1

The encrypted message is: jyu
```

```
C:\Users\Dell\Desktop\orchid\5th sem\csc_316_cry_cryptography\lab_cry\labs\002_hill\002_hill.exe
Enter a inversible 3x3 matrix as key:
1 2 3
0 1 4
5 6 0

Enter a 3 letter message: jyu

Enter choice:
[1] Encrypt
[2] Decrypt
[3] Exit
2

The decrypted message is: eat
```