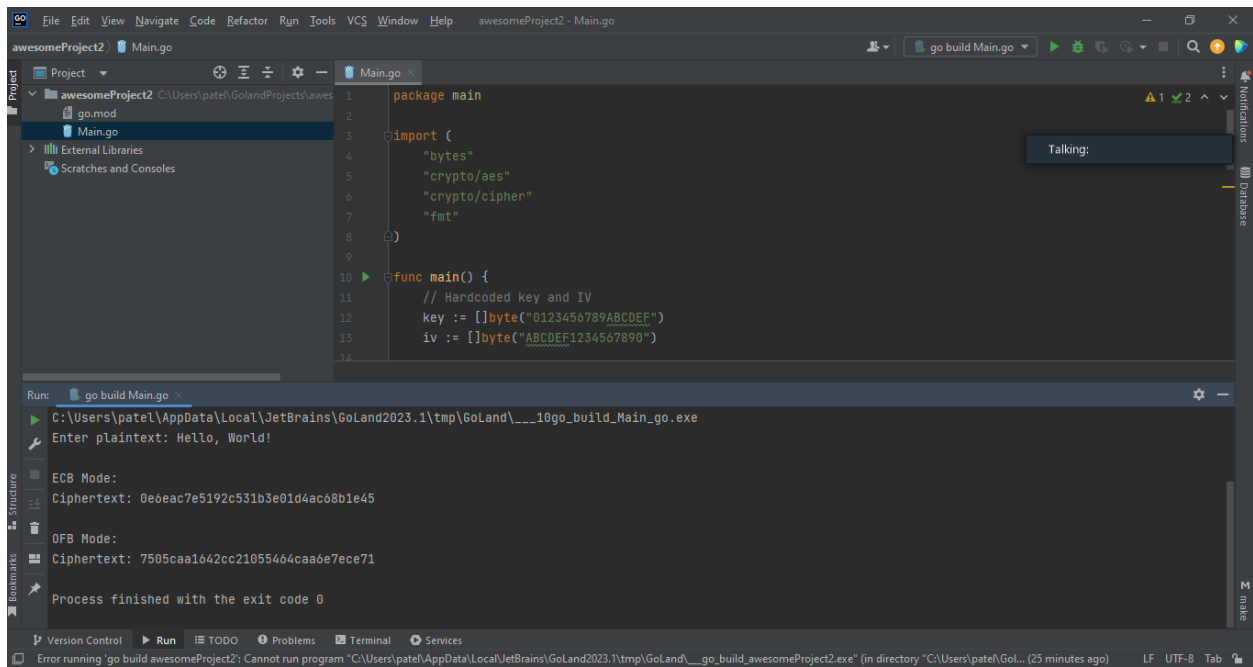


ECB and OFB



The screenshot shows the GoLand IDE interface for a project named 'awesomeProject2'. The main editor displays the 'Main.go' file with the following code:

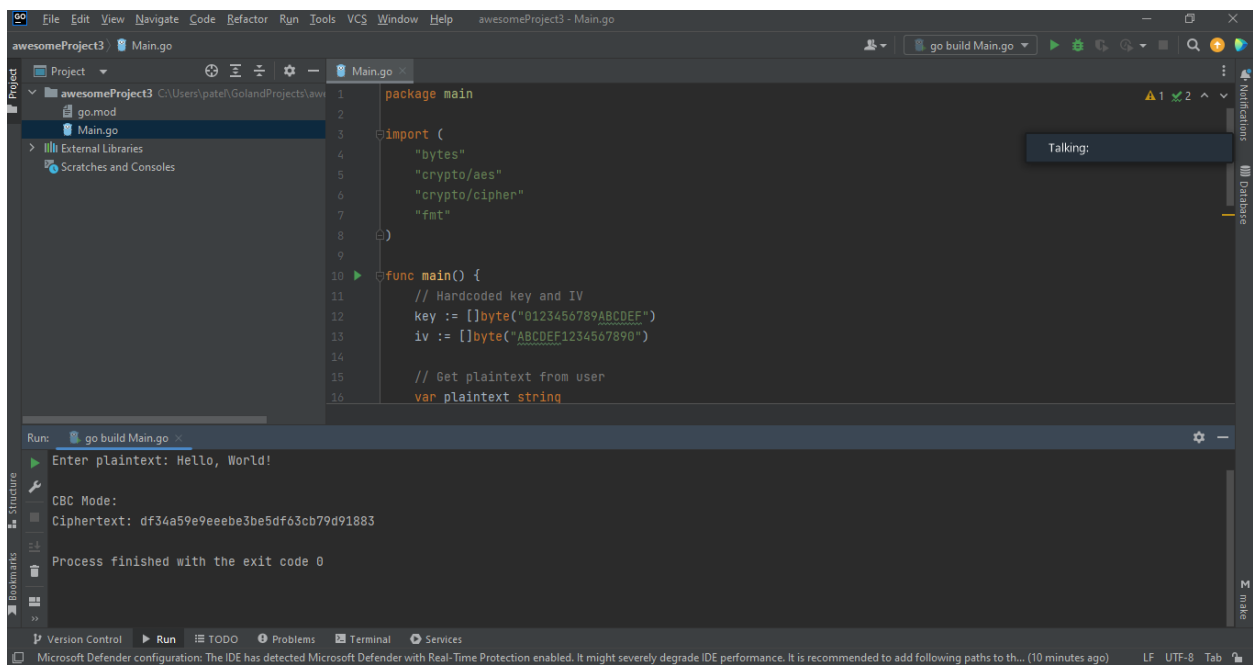
```
1 package main
2
3 import (
4     "bytes"
5     "crypto/aes"
6     "crypto/cipher"
7     "fmt"
8 )
9
10 func main() {
11     // Hardcoded key and IV
12     key := []byte("0123456789ABCDEF")
13     iv := []byte("ABCDEF1234567890")
14 }
```

The Run console shows the execution of 'go build Main.go' and the program's output:

```
Run: go build Main.go
C:\Users\patel\AppData\Local\JetBrains\GoLand2023.1\tmp\GoLand\__go_build_Main.go.exe
Enter plaintext: Hello, World!
ECB Mode:
Ciphertext: 0e0eac7e5192c531b3e01d4ac08b1e45
OFB Mode:
Ciphertext: 7505caa1642cc21055464caa6e7ece71
Process finished with the exit code 0
```

The status bar at the bottom indicates an error: 'Error running 'go build awesomeProject2': Cannot run program "C:\Users\patel\AppData\Local\JetBrains\GoLand2023.1\tmp\GoLand__go_build_awesomeProject2.exe" (in directory "C:\Users\patel\GoL... (25 minutes ago)'. The interface also includes a 'Talking:' chat window and a 'make' button on the right.

CBC



The screenshot shows the GoLand IDE interface for a project named 'awesomeProject3'. The main editor displays the 'Main.go' file with the following code:

```
1 package main
2
3 import (
4     "bytes"
5     "crypto/aes"
6     "crypto/cipher"
7     "fmt"
8 )
9
10 func main() {
11     // Hardcoded key and IV
12     key := []byte("0123456789ABCDEF")
13     iv := []byte("ABCDEF1234567890")
14
15     // Get plaintext from user
16     var plaintext string
17 }
```

The Run console shows the execution of 'go build Main.go' and the program's output:

```
Run: go build Main.go
Enter plaintext: Hello, World!
CBC Mode:
Ciphertext: df34a59e9eebe3be5df63cb79d91883
Process finished with the exit code 0
```

The status bar at the bottom indicates a warning: 'Microsoft Defender configuration: The IDE has detected Microsoft Defender with Real-Time Protection enabled. It might severely degrade IDE performance. It is recommended to add following paths to th... (10 minutes ago)'. The interface also includes a 'Talking:' chat window and a 'make' button on the right.