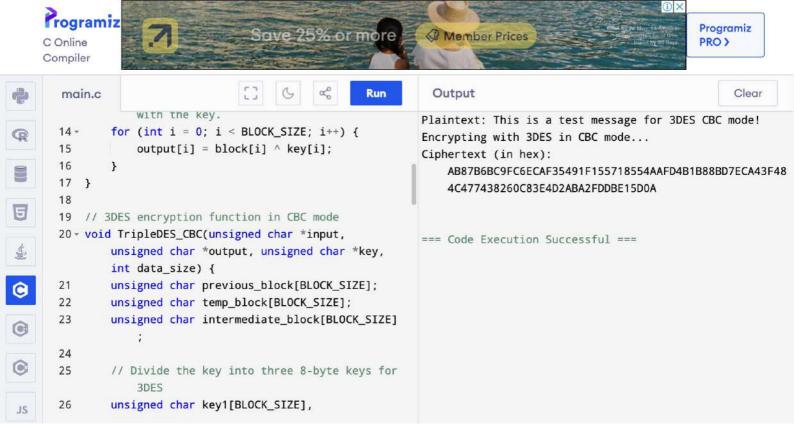
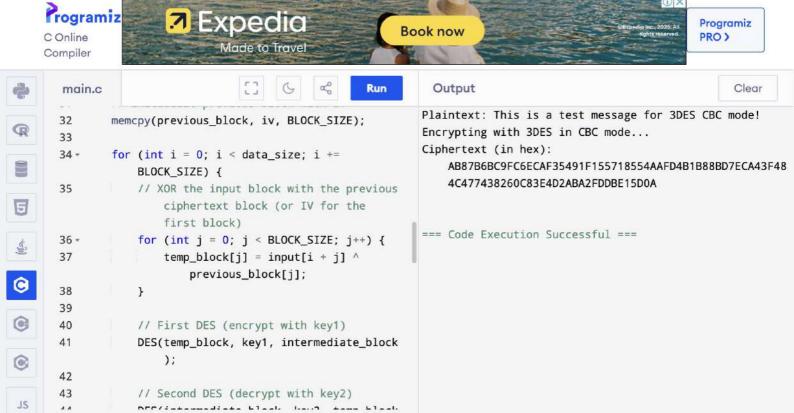


it with actual DES encryption logic.

JS





Programiz

C Online Compiler Programiz PRO >

```
Run
       main.c
                                                                 Output
                                                                                                                 Clear
              printf("Plaintext: %s\n", plaintext);
      67
                                                                Plaintext: This is a test message for 3DES CBC mode!
              printf("Encrypting with 3DES in CBC mode
      68
                                                                Encrypting with 3DES in CBC mode...
                   ...\n");
                                                                Ciphertext (in hex):
      69
                                                                    AB87B6BC9FC6ECAF35491F155718554AAFD4B1B88BD7ECA43F48
      70
               // Encrypt the message
                                                                    4C477438260C83E4D2ABA2FDDBE15D0A
              TripleDES_CBC(plaintext, ciphertext, key,
      71
                   data_size);
      72
                                                                === Code Execution Successful ===
      73
               // Print the ciphertext (in hex format)
      74
              printf("Ciphertext (in hex): ");
      75 -
               for (int i = 0; i < data_size; i++) {</pre>
                   printf("%02X", ciphertext[i]);
      76
      77
      78
              printf("\n");
      79
               return 0;
      80
      81 }
      82
JS
```