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Online C Compiler - Programiz

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deepapreya-h/CNS

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main.c

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Run

```
59 char a, b, res[3];
60 res[2] = '\0';
61 for (int i = 0; i < strlen(ciphertext); i += 2) {
62     a = toupper(ciphertext[i]);
63     b = toupper(ciphertext[i + 1]);
64     if (a == 'J') a = 'I';
65     if (b == 'J') b = 'I';
66     decryptPair(a, b, res);
67     printf("%s", res);
68 }
69 printf("\n");
70 }
71 int main() {
72     char keyword[] = "PLAYFAIR";
73     char message[] =
74         "KXJEYUREBEZWEHEWRYTUHEYFS"
75         "KREHEGQYFIWTITUOLKSYPJAPO"
76         "BOTETIZONTXBYBNTGONEYCUZWR"
77         "GDSONSXBOUYRHEBAAHYUSEDQ";
78     printf("Decrypting Playfair Cipher...\n");
79     generateKeyMatrix(keyword);
80     decryptMessage(message);
81     return 0;
82 }
```

Output

Clear

Decrypting Playfair Cipher...
CSPIPXIGIHXXVMGHUCLNZGMAYKCIGMIRGAYBUSSINZGVCKXPBLNRQNMDUNTSZCAIQOMNTPKIXXLRCTNTKSRQ
XPVBGMAMWBPNKBT

=== Code Execution Successful ===