

```
#include <stdio.h>
#include <string.h>
```

```
int main() {
    char text[100];
    char rail[2][100];
    int i, row = 0, len;

    printf("Enter text: ");
    fgets(text, sizeof(text), stdin);
```

```
    len = strlen(text);
    if (text[len - 1] == '\n') {
        text[len - 1] = '\0';
        len--;
    }
```

```
    for (i = 0; i < 2; i++)
        memset(rail[i], '\0', sizeof(rail[i]));
```

```
    for (i = 0; i < len; i++) {
        rail[row][i] = text[i];
        row = (row == 0) ? 1 : 0;
    }
```

```
    printf("Encrypted text: ");
```

Enter text: world

Encrypted text: w

=== Code Execution Successful ===