#include <stdio.h>

#include <stdlib.h>

#include <string.h>

// Function to simulate error recovery in a parser

void error\_recovery(char\* input\_code) {

printf("Parsing the input code...\n");

// Simulate a syntax error at position 5

if (input\_code[5] == 'X') {

printf("Error: Unexpected character 'X' at position 5. Attempting recovery...\n");

// Example of panic mode recovery (skipping ahead to a valid token)

printf("Recovered: Continuing parsing from position 6...\n");

}

else {

printf("No errors detected, parsing complete.\n");

}

}

int main() {

char input\_code[] = "int main() X return 0;";

error\_recovery(input\_code);

return 0;

}

Output:

