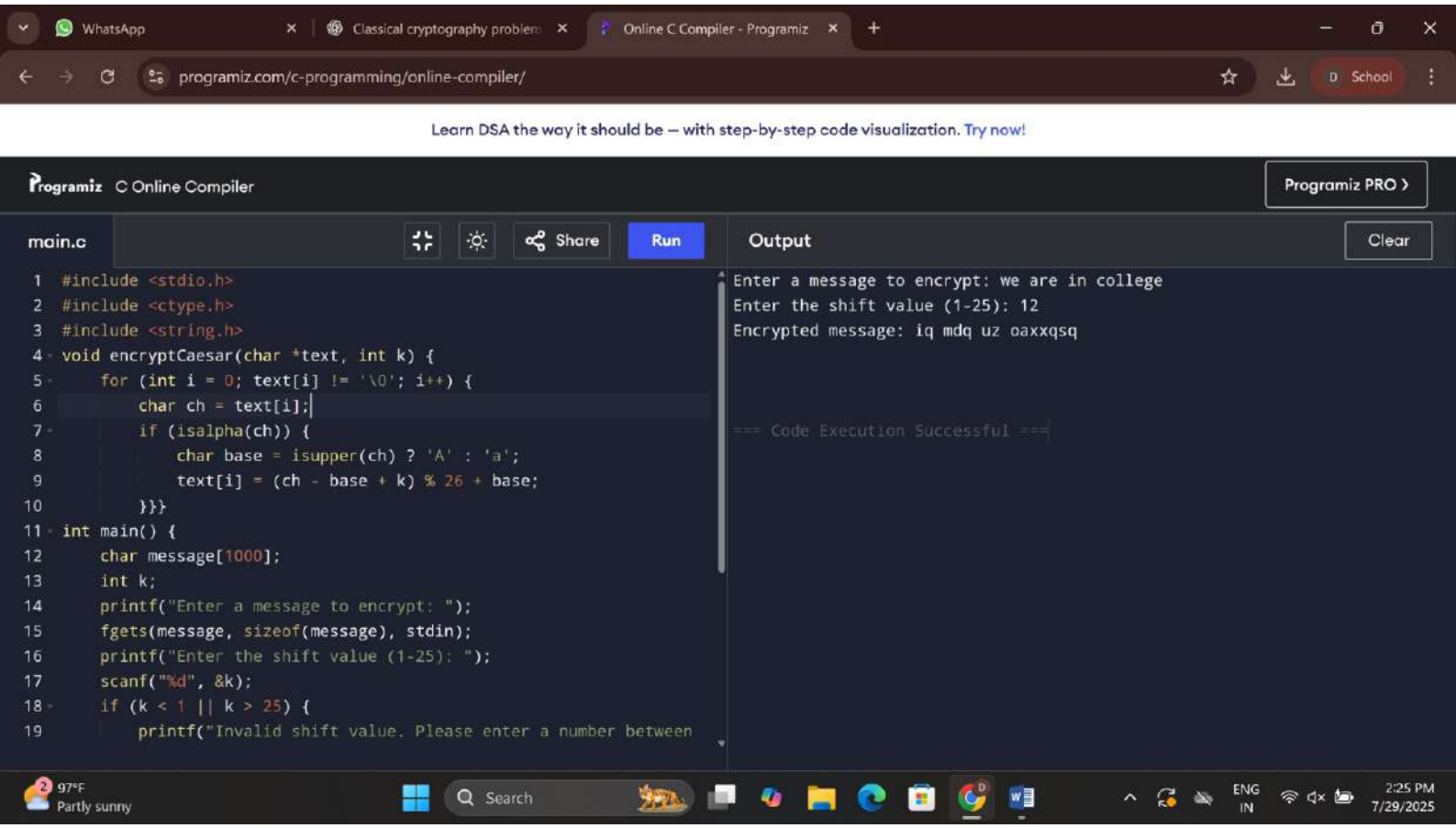
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main.c
Share
Run
Output
Clear
#include <stdio.h>
#include <ctype.h>
#include <string.h>
void encryptCaesar(char *text, int k) {
for (int i = 0; text[i] != '\0'; i++) {
char ch = text[i];
if (isalpha(ch)) {
char base = isupper(ch) ? 'A' : 'a';
text[i] = (ch - base + k) % 26 + base;
}}}
int main() {
char message[1000];
int k;
printf("Enter a message to encrypt: ");
fgets(message, sizeof(message), stdin);
printf("Enter the shift value (1-25): ");
scanf("%d", &k);
if (k < 1 || k > 25) {
printf("Invalid shift value. Please enter a number between
Enter a message to encrypt: we are in college
Enter the shift value (1-25): 12
Encrypted message: iq mdq uz oaxxqsq
=== Code Execution Successful ===
97°F
Partly sunny
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ENG
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2:25 PM
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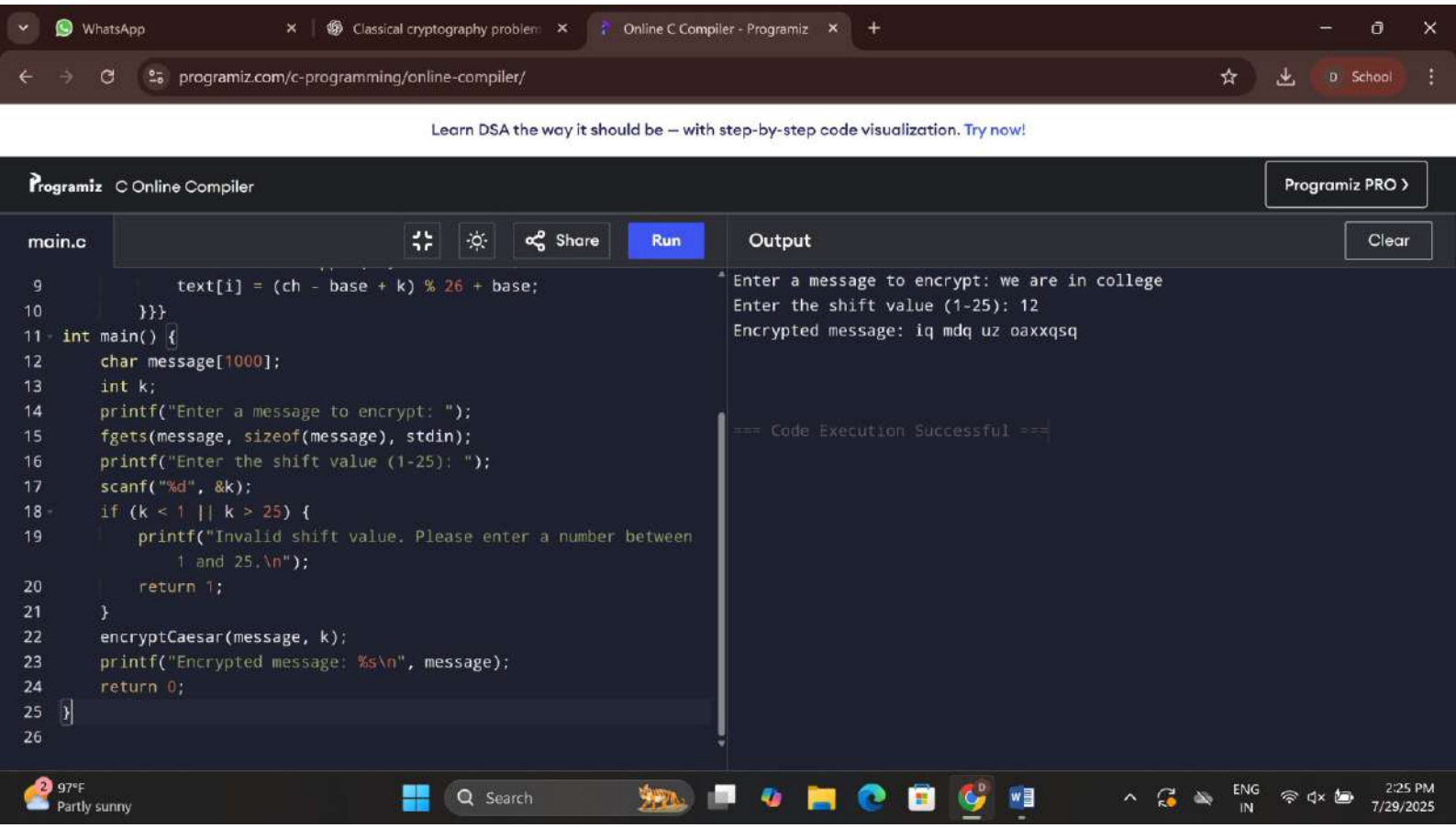
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text[i] = (ch - base + k) % 26 + base;
}}}
int main() {
char message[1000];
int k;
printf("Enter a message to encrypt: ");
fgets(message, sizeof(message), stdin);
printf("Enter the shift value (1-25): ");
scanf("%d", &k);
if (k < 1 || k > 25) {
printf("Invalid shift value. Please enter a number between 1 and 25.\n");
return 1;
}
encryptCaesar(message, k);
printf("Encrypted message: %s\n", message);
return 0;
}
Enter a message to encrypt: we are in college
Enter the shift value (1-25): 12
Encrypted message: iq mdq uz oaxxqsq
=== Code Execution Successful ===
97°F
Partly sunny
Search
ENG
IN
2:25 PM
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