Write a C program to create a function pointer that points to a function int add(int, int). Use the function pointer to call the add function and print the result.

#include <stdio.h>

int add(int a, int b) {

return a + b;

}

int main() {

int (\*func\_ptr)(int, int);

func\_ptr = add;

int result = func\_ptr(3, 5);

printf("The result of the addition is: %d\n", result);

return 0;

}