Write a program in C to calculate the factorial of a given number.

#include<stdio.h>

int main() {

  int num, fact=1, i;

  printf("Enter a number: ");

  scanf("%d", &num);

  for(i=1; i<=num; i++) {

    fact \*= i;

  }

  printf("Factorial of %d is %d", num, fact);

  return 0;

}