#include <stdio.h>

int power(int x, int n);

int main() {

int x, n, result;

printf("Enter the value of x: ");

scanf("%d", &x);

printf("Enter the value of n (less than or equal to 5): ");

scanf("%d", &n);

result = power(x, n);

printf("%d raised to the power of %d is %d\n", x, n, result);

return 0;

}

int power(int x, int n) {

if (n == 0) {

return 1;

}

return x \* power(x, n-1);

}