

```
#include <stdio.h>
#include <math.h>
int main(){
    int k, i;
    double a;
    scanf("%lf %d", &a, &k);
    printf("%.4lf\n", a - (a * a)/2 + (a * a * a)/3);
    double sum = 0;

    // Only one statement inside for loop
    // So braces not required
    for(i = 1; i <= k; i++)
        sum += pow(-1, i + 1)*pow(a, i)/i;

    printf("%.4lf", sum);
    return 0;
}
```