#include <stdio.h>

#include <math.h>

int

main()

{

int popularity;

int size;

int homeValue;

printf("Please enter the popularity:\n");

scanf("%d", &popularity);

printf("Please enter the size:\n");

scanf("%d", &size);

homeValue= (pow(popularity, 3) + pow(size, 2)) \* 10000;

printf("Home value is: %d\n", homeValue);

return 0;

}