#include <stdio.h>

#include <math.h>

int computeHomeValue (int popularity, int size);

int main()

{

int a;

int b;

int home\_value;

printf("Enter the popularity:");

scanf("%d", &a);

printf("Enter the size:");

scanf("%d", &b);

home\_value = computeHomeValue(a, b);

printf("Home value is %.2d:", home\_value);

return 0;

}

int

computeHomeValue (int popularity, int size)

{

int opsum;

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

return opsum;

}