#include <stdio.h>

#include <conio.h>

void main()

{

float purchase;

float sell;

float percentage;

printf("cost price\n");

scanf("%f", &purchase);

printf("selling price\n");

scanf("%f", &sell);

if (purchase > sell)

{

float loss;

loss = purchase - sell;

percentage = (loss / purchase) \* 100;

printf("shopkeeper sell his product in %f rupees loss and percentage of loss is %f", loss, percentage);

}

else if (sell > purchase)

{

float profit;

profit = sell - purchase;

percentage = (profit / sell) \* 100;

printf("shopkeeper sell his product in %f rupees profit and percentage of loss is %f", profit, percentage);

}

else

{

printf("no profit no loss");

}

}

