using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Exam21February

{

class Program

{

static void Main(string[] args)

{

decimal money = decimal.Parse(Console.ReadLine());

decimal rate = decimal.Parse(Console.ReadLine());

decimal pizzaPrice = decimal.Parse(Console.ReadLine())/ rate;

decimal lasagnaPrice = decimal.Parse(Console.ReadLine()) / rate;

decimal sandwichPrice = decimal.Parse(Console.ReadLine()) / rate;

uint pizzaQuantity = uint.Parse(Console.ReadLine());

uint lasagnaQuantity = uint.Parse(Console.ReadLine());

uint sandwichQuantity = uint.Parse(Console.ReadLine());

decimal moneyInLeva = money;

decimal lasagnaMoney = lasagnaPrice \* lasagnaQuantity;

decimal sandwichMoney = sandwichPrice \* sandwichQuantity;

decimal pizzaMoney = pizzaPrice \* pizzaQuantity;

decimal moneyNeeded = lasagnaMoney + sandwichMoney + pizzaMoney;

if (moneyInLeva- moneyNeeded>= 0)

{

decimal n2 = Math.Abs(moneyInLeva - moneyNeeded);

Console.WriteLine("Garfield is well fed, John is awesome. Money left: ${0:f2}.", n2);

}

else if(moneyNeeded-moneyInLeva > 0)

{

var n1 = Math.Abs(moneyNeeded - moneyInLeva);

Console.WriteLine("Garfield is hungry. John is a badass. Money needed: ${0:f2}.", n1);

}

}

}

}