Fundamental of Programming in C#

# Day 3 Quiz

Write a program to calculate discount calculation for a gadget promotion. Each gadget is sold at $500. The discount should follow the following table:

|  |  |
| --- | --- |
| Amount | Discount Percentage |
| More than $2000 and less or equal to $3000 | 3% |
| More than $3000 and less or equal to $6000 | 5% |
| More than $6000 | 8% |

// namespace前面不能有using

public Class Solution { // c 小写

public static void Main(){

Console.WriteLine(“Welcome to ISS Gadget Shop”);

Console.WriteLine(“Number of items to purchase: ”);

int num = Convert.ToInt(Console.ReadLine()); // 这里是ToInt32

Console.WriteLine(“\n”);

int sum = num \* 500;

double ans = sum;

if( sum>2000 && sum<=3000){

ans = sum\*0.97;

}else if(sum > 3000 && sum <= 6000){

ans = sum\*0.95;

}else ans = sum\*0.92;

ans = Math.Round(ans,0);

Console.WriteLine($”Please pay: ${ans:#,###.00}”);

}

}

namespace dailyQuiz03

{

public class Solution

{

public static void Main()

{

Console.WriteLine("Welcome to ISS Gadget Shop");

Console.WriteLine("Number of items to purchase: ");

int num = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("\n");

int sum = num \* 500;

double ans = 0;

if (sum <= 2000) ans = sum;

else if (sum > 2000 && sum <= 3000) ans = sum \* 0.97;

else if (sum > 3000 && sum <= 6000) ans = sum \* 0.95;

else ans = sum \* 0.92;

ans = Math.Round(ans, 0);

Console.WriteLine($"Please pay: ${ans:#,###.00}");

}

}

}

## Sample outputs:

|  |
| --- |
| Welcome to ISS Gadget Shop  Number of items to purchase: 1  Please pay $500.00 |

|  |
| --- |
| Welcome to ISS Gadget Shop  Number of items to purchase: 5  Please pay $2,425.00 |

|  |
| --- |
| Welcome to ISS Gadget Shop  Number of items to purchase: 10  Please pay $4,750.00 |

## Notes:

Please write the program complete with class declarations, main method declarations, namespace and using statements. (就是最开始using的那些)