using System;  
  
namespace ConsoleApp24  
{  
 class Program  
 {  
 public static void Main(string[] args)  
 {  
 string rim = " MDIX ";  
  
 int sum = 0;  
  
 for (int i = 1; i < rim.Length - 1; i++)  
 {  
 switch (rim[i])  
 {  
 case 'I' :  
 {  
 if (rim[i+1] == 'V')  
 {  
 sum += 4;  
 }  
   
 else if (rim[i+1] == 'X')  
 {  
 sum += 9;  
 }  
 else  
 {  
 sum += 1;  
 }  
 break;  
 }  
 case 'V' :  
 {  
 sum += 5;  
 break;  
 }  
 case 'X' :  
 {  
 if(rim[i+1] == 'L')  
 {  
 sum = sum + 40;  
 }  
 else if (rim[i+1] == 'C')  
 {  
 sum = sum + 90;  
 }  
 else  
 {  
 sum += 10;  
 }  
 break;  
 }  
 case 'L' :  
 {  
 sum += 50;  
 break;  
 }  
 case 'C' :  
 {  
 if(rim[i+1] == 'D')  
 {   
 sum += 400;  
 }  
 else if (rim[i+1] == 'M')  
 {  
 sum += 900;  
 }  
 else  
 {  
 sum += 100;  
 }  
  
 sum +=300;  
 break;  
 }  
 case 'D' :  
 {  
 sum += 500;  
 break;  
 }  
 case 'M' :  
 {  
 sum += 1000;  
 break;  
 }  
 }  
 }  
 Console.WriteLine(sum);  
 }  
 }  
}

