复制代码

/// <summary>  
        /// 判定给定num是否是回文数字  
        /// </summary>  
        /// <param name="num">待判断数字</param>  
        /// <param name="digistsNums">num位数</param>  
        /// <returns></returns>  
        public static bool Judge(int num, int digistsNums)  
        {  
            // 递归结束条件  
            if (digistsNums <= 1)  
                return true;  
            else  
            {  
                // 否则开始判断，分离首位和末尾  
                int last = num % 10;  
                int first = num / (int)Math.Pow(10, (digistsNums - 1));  
                int newNum = (num - last - first \* ((int)Math.Pow(10, (digistsNums - 1)))) / 10;  
                // 如果首位和末尾的值不相等的话 ，返回false  
                if (last != first)  
                    return false;  
                else  
                    // 否则开始递归  
                    return Judge(newNum, digistsNums - 2);  
            }

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