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8.2

\_s

Char

3

“stdlib.h”

Scanf

Ctrlen

Strstr

Strcpy

S2 s1

putchar

8.9

#include"stdio.h"

#include"string.h"

#include"stdlib.h"

char words[80] = "";

char \*toWord(int number);

void main()

{

float price;

int rPrice, pPrice;

char buff[100];

while (1)

{

printf("输入价格(RRRR.PP):\n");

scanf\_s("%f", &price);

if (price >= 10000 || price < 0)

{

printf("超出计算范围！！！\n");

continue;

}

break;

}

rPrice = (int)price;

pPrice =(int) (price - rPrice) \*100;

strcpy\_s(buff, 100, toWord(rPrice));

strcat\_s(buff, 100, " AND PAISE ");

strcat\_s(buff,100, toWord(pPrice));

puts(buff);

printf("\n");

}

char \* toWord(int number)

{

char wNumber[10][10] =

{ "","ONE","TWO","THREE","FOUR","FIVE","SIX","SEVEN","EIGHT","NINE" };

char dNumber[10][10] =

{ "","","TWENTY","THIRTY","FORTY","FIFTY","SIXTY","SEVENTY","EIGHTY","NINETY" };

char sNumber[10][10] =

{ "TEN","ELEVEN","TWELVE","THIREEN","FORTEEN","FIFTTEEN","SIXTEEN","SEVENTEEN","EIGHTEEN","NINETEEN" };

int n1, n2, n3, n4;

n1 = number % 10;

n2 = number / 10 % 10;

n3 = number / 100 % 10;

n4 = number / 1000 % 10;

if (number == 0)

strcmp(words,"ZERO");

if (n4 != 0)

{

strcat\_s(words,80, wNumber[n4]);

strcat\_s(words,80, "THOUSANT");

}

if (n3 != 0)

{

strcat\_s(words,80, wNumber[n3]);

strcat\_s(words,80, "HUNDRAD");

}

if (n2 != 0)

{

strcat\_s(words,80, wNumber[n2]);

strcat\_s(words, 80," ");

strcat\_s(words,80, wNumber[n1]);

}

else

{

strcat\_s(words,80, sNumber[n2]);

}

return words;

}

8.15

#include"stdio.h"

int main(void)

{

char str[] = "123456789";

int i, j;

for (i = 0; i < 9 / 2 + 1; i++)

{

for (j=0;j<9/2-i;j++);

printf(" ");

for (j=i;j<2\*i+1;j++);

printf("%c", str[j]);

for (j=2\*i-1;j>i-1;j--);

printf("%c", str[j]);

printf("\n");

}

return 0;

}