实验四

计算机算法设计与分析，贪心算法的运用

#include<stdio.h>

#include < algorithm.h>

int dpss(char \*X,char \*Y,int i,int j,int \*\*c)

{

int xLen;

int yLen;

int strlen;

int malloc;

xLen = strlen(X);

yLen = strlen(Y);

if (i>0 && j>0)

{

if (X[xLen-1] == X[yLen-1])

{

c[i][j]=dpss(X,Y,i-1,j-1,c)+1;

}

else

{

int cX = dpss(X,Y,i,j-1,c);

int cY = dpss(X,Y,i-1,j-1,c);

c[i][j] = cX >cY ? cX:cY;

}

}

return c[i][j];

}

double knap(double p[],double w[],int n,double c)

{

double \*r = new double(n);

for(int i=0;i<n;i++)

{

r[i]=p[i]/w[i];

}

qsort(r,n);

for(int i=0;i<n;i++)

{

if(w[i]<=c)

{

psum +=p[i];

c -=w[i];

}else

{

psum +=p[i]\*c/w[i];

c=0;

}

return psum;

}

}

int \_tnain(int atgc, \_TCHAR\* argv[])

{

int n;

int m;

int \*\*c = (int \*\*) malloc(n\*sizeof(int \*));

for (int i=0;i<n;i++)

{

c[i]= (int \*) malloc(m\*sizeof(int));

for (int j=0;j<n;j++)

{

c[i][j]=0;

}

}

char \*X = "";

char \*Y = "";

int maxss = dpss(X,Y,7,6,c);

return 0;

}