//输入

int intput()

{

int j, k;

printf("请输入物品数量、属性数量、最优值：");

scanf("%d%d%f", &Importance.a,&Importance.b,&Importance.best);

printf("物品价值:");

for (j = 0; j < Importance.a; j++)

{

scanf("%lf", &Importance.value[j]);

}

for (j = 0; j < Importance.b; j++)

{

printf("第%d个属性:",j+1);

for (k = 0; k < Importance.n; k++)

scanf("%d", &Importance.weight[j][k]);

}

printf("物品属性约束:");

for (j = 0; j < Importance.b; j++)

scanf("%d", &Importance.limit[j]);

//初始化

maxValue = 0;

nowValue = 0;

for (int i = 0; i < Importance.m; i++)

{

nowWeight[i] = 0;

}

return 0;

}

//输出

void output()

{

printf("最大价值为：%0.1f\n", maxValue);

printf("最优解决方案为：选取第");

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

{

if (flag[i] == 1)

printf("%d ", i + 1);

}

printf("件物品\n");

printf("\n");

}

int main()

{

intput();

BackTrack(0);

output();

return 0;

}



