#include<stdio.h>

struct student{

int no\_of\_gift;

int at; //arival time

int id;

}s[10];

void sort\_arival(){

struct student a;

int min,pos;

for(int i=0;i<10;i++){

min = s[i].at;

pos = i;

for(int j=i+1;j<10;j++){

if(min>s[j].at){

min = s[j].at;

pos = j;

}

}

if(i!=pos){

a=s[i];

s[i]=s[pos];

s[pos]=a;

}

}

}

int main(){

for(int i=0;i<10;i++){

s[i].id=i+1;

printf("\nEnter the arrival time for s%d: ",i+1);

scanf("%d",&s[i].at);

printf("\nEnter the number of gift items for s%d: ",i+1);

scanf("%d",&s[i].no\_of\_gift);

}

sort\_arival();

struct student m;

int pos;

for(int i=0;i<10;i++){

m = s[i];

pos = i;

for(int j=i+1;j<10;j++){

if(m.no\_of\_gift<s[j].no\_of\_gift){

m = s[j];

pos = j;

}

}

s[pos]=s[i];

s[i]=m;

printf("\nBill turn for student s%d having %d items",s[i].id,s[i].no\_of\_gift);

}

return 0;

}}

}