```c
#include <stdio.h>

#include <stdlib.h>

#include <string.h>

struct os

{

        char* student[20];

        int gifts;

}friend[10];


int comparator(const void* p, const void* q)

{

   return (((struct os*)q)->gifts - ((struct os*)p)->gifts);

}

int main()

{

        int i,n=10,pass,hold;

        printf("\n********** Enter The Number Of Gifts Purchased By Students **********\n");

        printf("\n--------------------------------------------------------------------------------\n");

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


        {

                printf("Student Name: ");

                gets(friend[i].student);

                fflush(stdin);
```

```c
            printf("No Of Gifts Purchased: ");

            scanf("%d",&friend[i].gifts);

            fflush(stdin);

        }
        printf("\n--------- Full Details ----------- \n");


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


    {
        printf("Student Name = %s,Gifts Purchased = %d
\n",friend[i].student,friend[i].gifts);




    }
    qsort(friend, n, sizeof(struct os),comparator);



        printf("\n********* Order Of The Students To Be Billed **********\n");
        printf("----------------------------------------------------------------------------------\n") ;
    for (i = 0; i < n; i++)
        {
      printf("student = %s, gifts = %d \n",
            friend[i].student, friend[i].gifts);
    }
```

```
        return 0;

}
```