```c
#include<stdio.h>
#include<string.h>
#include<stdlib.h>
void techh_products_product();
void novels();
void shoe();
void delete_techh_products();
void delete_novels();
void delete_shoes();
void change();
void bill();
int i,n,tid,ti,ne,bid,bi,nb,sid,si,ns,delid,pos=0,chanid=0,j,id,total,totalt,totaln,totals,hs_no;
long long int ph_no;
char tech,nch,sch,ch,name[50],state[50],district[50],street[50],city[50];
struct techh_products_products
{
        int id;
        char i_name[50];
        char cpny_name[50];
        int cost;
        int rating;
};
struct techh_cart
{
        int id;
        char i_name[50];
        int cost;
        int no_items;
}techh[10];
struct novels_cart
{
```

```c
        int id;

        char i_name[50];

        int cost;

        int no_items;
}nc[10];
struct shoes_cart
{
        int id;

        char brand[50];

        int cost;

        int no_items;
}sc[10];
struct novels
{
        int id;

        char i_name[50];

        char author_name[50];

        int cost;

        int rating;
};
struct shoes{
        int id;

        char brand[50];

        int cost;

        int rating;
};
main()
{
        printf("-----------------------------**Welcome to SR Online Shopping**--------------------------------
------------- ");

        int n,ch,ic,p;
```

```c
        char c;
        do{
                printf("\n\n\n1.Display Items\n2.CART\n3.Delet\n4.Change the
quantity\n5.BILLING\n");
                printf("\nenter yor choice:");
                scanf("%d",&ch);
                switch(ch)
                {
                        case 1:printf("\n1.techh_products\n");
                            printf("2.novels\n");
                            printf("3.Shoes\n");
                            printf("choose the kind of item you want to buy:");
                            scanf("%d",&ic);
                            switch(ic)
                            {
                                case 1:printf("Id\tItem\t\tCompany\t\tcost\t\tRating\n");
                                    techh_products_product();
                                                break;
                case 2:printf("Id\tName\t\t\tAuthor Name\t\t\tcost\t\t\tRating\n");
                                novels();
                                break;
                            case 3:printf("Id\tBrand\t\tcost\tRating\n");
                                shoe();
                          }
                          break;
                    case 2:if(techh[0].id!=0)
                {
                        printf("--------------techh_products--------------------\n");
                        printf("Id\tName\t\tcost\tNo.of items\n");
                        displaye(techh,ti);
                    }
```

```c
            if(nc[0].id!=0)
        {
            printf("---------------novels---------------------\n");
            printf("Id\tName\t\tcost\tNo.of items\n");
            displayb(nc,bi);
        }
        if(sc[0].id!=0)
        {
            printf("---------------Shoes---------------------\n");
            printf("Id\tName\t\tcost\tNo.of items\n");
            displays(sc,si);
        }
            break;
    case 3:if(techh[0].id!=0)
    {
            printf("--------------techh_products ---------------------\n");
            printf("Id\tName\t\tcost\tNo.of items\n");
            displaye(techh,ti);
        }
        if(nc[0].id!=0)
        {
            printf("---------------novels---------------------\n");
            printf("Id\tName\t\tcost\tNo.of items\n");
            displayb(nc,bi);
        }
        if(sc[0].id!=0)
        {
            printf("---------------Shoes---------------------\n");
            printf("Id\tName\t\tcost\tNo.of items\n");
            displays(sc,si);
        }
```

```c
        do
            {
        printf("Enter the id of the product you wish to delete:");
            scanf("%d",&delid);
            id=delid/100;
            switch(id)
            {
                    case 1:delete_techh_products(delid,ti);
                    break;
                    case 2:delete_novels(delid,bi);
                    break;
                    case 3:delete_shoes(delid,si);
                    break;
            }
            printf("\nEnter d to delete more item:");
            scanf(" %c",&ch);
    }while(ch=='d');
        break;
    case 4:if(techh[0].id!=0)
{
        printf("--------------techh_products--------------------\n");
        printf("Id\tName\t\tcost\tNo.of items\n");
        displaye(techh,ti);
    }
    if(nc[0].id!=0)
    {
        printf("--------------novels--------------------\n");
        printf("Id\tName\t\tcost\tNo.of items\n");
        displayb(nc,bi);
    }
    if(sc[0].id!=0)
```

```c
                    {
                        printf("--------------Shoes---------------------\n");
                        printf("Id\tName\t\tcost\tNo.of items\n");
                        displays(sc,si);
                    }
                    change();
                      break;
                case 5:bill();
                exit(0);
                break;
        }
        printf("press y to display options:");
        scanf(" %c",&c);
}while(c=='y');
}
void techh_products_product()
{
        struct techh_products_products t1={101,"Laptop","DELL",65990,8};
        struct techh_products_products t2={102,"Mobile","OPPO",20300,9};
        struct techh_products_products t3={103,"Oven","PEGION",7999,10};
        struct techh_products_products t4={104,"Camera","Canon",75000,7};
        struct techh_products_products t5={105,"Airpods","BOAT",29999,9};
        printf("%d\t%s\t\t%s\t\t%d\t\t%d\n",t1.id,t1.i_name,t1.cpny_name,t1.cost,t1.rating);
        printf("%d\t%s\t\t%s\t\t%d\t\t%d\n",t2.id,t2.i_name,t2.cpny_name,t2.cost,t2.rating);
        printf("%d\t%s\t\t%s\t\t%d\t\t%d\n",t3.id,t3.i_name,t3.cpny_name,t3.cost,t3.rating);
        printf("%d\t%s\t\t%s\t\t%d\t\t%d\n",t4.id,t4.i_name,t4.cpny_name,t4.cost,t4.rating);
        printf("%d\t%s\t\t%s\t\t%d\t\t%d\n",t5.id,t5.i_name,t5.cpny_name,t5.cost,t5.rating);
        do{
        printf("Enter the Id of the product you want to add to cart:");
        scanf("%d",&tid);
        switch(tid)
```

```c
{
        case 101:printf("Enter The no.of %s you want to add:",t1.i_name);

            scanf("%d",&ne);

            techh[ti].id=t1.id;

            strcpy(techh[ti].i_name,t1.i_name);

            techh[ti].cost=t1.cost;

            techh[ti].no_items=ne;

            ti++;

        break;
    case 102:printf("Enter The no.of %s you want to add:",t2.i_name);

            scanf("%d",&ne);

            techh[ti].id=t2.id;

            strcpy(techh[ti].i_name,t2.i_name);

            techh[ti].cost=t2.cost;

            techh[ti].no_items=ne;

            ti++;

        break;
    case 103:printf("Enter The no.of %s you want to add:",t3.i_name);

            scanf("%d",&ne);

            techh[ti].id=t3.id;

            strcpy(techh[ti].i_name,t3.i_name);

            techh[ti].cost=t3.cost;

            techh[ti].no_items=ne;

            ti++;

        break;
    case 104:printf("Enter The no.of %s you want to add:",t4.i_name);

            scanf("%d",&ne);

            techh[ti].id=t4.id;

            strcpy(techh[ti].i_name,t4.i_name);

            techh[ti].cost=t4.cost;

            techh[ti].no_items=ne;
```

```c
                    ti++;
                break;
            case 105:printf("Enter The no.of %s you want to add:",t5.i_name);
                    scanf("%d",&ne);
                    techh[ti].id=t5.id;
                    strcpy(techh[ti].i_name,t5.i_name);
                    techh[ti].cost=t5.cost;
                    techh[ti].no_items=ne;
                    ti++;
                break;
        }
        printf("Press e if you want add anymore products from tech_products:");
        scanf(" %c",&tech);
}while(techh=='e');
}
void novels()
{
        struct novels n1={201,"Alchemist","Paulo Coelho",227,7};
    struct novels n2={202,"THE GREEN ROOM","NAG MANI",400,9};
    struct novels n3={203,"ULYSSES       ","Htechhtor ",356,8};
    struct novels n4={204,"You Can   ","George Adams",112,7};
    struct novels n5={205,"Gone Girl","Gillian Flynn",189,9};
        printf("%d\t%s\t\t\t%s\t\t\t%d\t\t\t%d\n",n1.id,n1.i_name,n1.author_name,n1.cost,n1.rating);
        printf("%d\t%s\t\t\t%s\t\t\t%d\t\t\t%d\n",n2.id,n2.i_name,n2.author_name,n2.cost,n2.rating);
        printf("%d\t%s\t\t\t%s\t\t\t%d\t\t\t%d\n",n3.id,n3.i_name,n3.author_name,n3.cost,n3.rating);
        printf("%d\t%s\t\t\t%s\t\t\t%d\t\t\t%d\n",n4.id,n4.i_name,n4.author_name,n4.cost,n4.rating);
        printf("%d\t%s\t\t\t%s\t\t\t%d\t\t\t%d\n",n5.id,n5.i_name,n5.author_name,n5.cost,n5.rating);
        do{
```

```c
printf("Enter the Id of the product you want to add to cart:");

scanf("%d",&bid);

switch(bid)

{

        case 201:printf("Enter The no.of %s you want to add:",n1.i_name);

                scanf("%d",&nb);

                nc[ti].id=n1.id;

                strcpy(nc[bi].i_name,n1.i_name);

                nc[bi].cost=n1.cost;

                nc[bi].no_items=nb;

                bi++;

        break;

    case 202:printf("Enter The no.of %s you want to add:",n2.i_name);

                scanf("%d",&nb);

                nc[bi].id=n2.id;

                strcpy(nc[bi].i_name,n2.i_name);

                nc[bi].cost=n2.cost;

                nc[bi].no_items=nb;

                bi++;

        break;

    case 203:printf("Enter The no.of %s you want to add:",n3.i_name);

                scanf("%d",&nb);

                nc[bi].id=n3.id;

                strcpy(nc[bi].i_name,n3.i_name);

                nc[bi].cost=n3.cost;

                nc[bi].no_items=nb;

                bi++;

        break;

    case 204:printf("Enter The no.of %s you want to add:",n4.i_name);

                scanf("%d",&nb);

                nc[bi].id=n4.id;
```

```c
                    strcpy(nc[bi].i_name,n4.i_name);

                    nc[bi].cost=n4.cost;

                    nc[bi].no_items=nb;

                    bi++;

                break;

            case 205:printf("Enter The no.of %s you want to add:",n5.i_name);

                    scanf("%d",&nb);

                    nc[bi].id=n5.id;

                    strcpy(nc[bi].i_name,n5.i_name);

                    nc[bi].cost=n5.cost;

                    nc[bi].no_items=nb;

                    bi++;

                break;

        }

        printf("Press b if you want add anymore products from novels:");

        scanf(" %c",&nch);

}while(nch=='b');

}

void shoe()

{

    struct shoes s1={301,"NIKE    ",5698,7};

    struct shoes s2={302,"BATA  ",5999,8};

    struct shoes s3={303,"PUMA   ",2999,9};

    struct shoes s4={304,"KERING  ",3998,6};

    struct shoes s5={305,"SKtechhERS",3985,9};

    printf("%d\t%s\t%d\t%d\n",s1.id,s1.brand,s1.cost,s1.rating);

    printf("%d\t%s\t%d\t%d\n",s2.id,s2.brand,s2.cost,s2.rating);

    printf("%d\t%s\t%d\t%d\n",s3.id,s3.brand,s3.cost,s3.rating);

    printf("%d\t%s\t%d\t%d\n",s4.id,s4.brand,s4.cost,s4.rating);

    printf("%d\t%s\t%d\t%d\n",s5.id,s5.brand,s5.cost,s5.rating);

    do{
```

```c
printf("Enter the Id of the product you want to add to cart:");

scanf("%d",&sid);

switch(sid)

{

        case 301:printf("Enter The no.of %s shoes you want to add:",s1.brand);

            scanf("%d",&ns);

            sc[si].id=s1.id;

            strcpy(sc[si].brand,s1.brand);

            sc[si].cost=s1.cost;

            sc[si].no_items=ns;

            si++;

        break;

    case 302:printf("Enter The no.of %s shoes you want to add:",s2.brand);

            scanf("%d",&ns);

            sc[si].id=s2.id;

            strcpy(sc[si].brand,s2.brand);

            sc[si].cost=s2.cost;

            sc[si].no_items=ns;

            si++;

        break;

    case 303:printf("Enter The no.of %s shoes you want to add:",s3.brand);

            scanf("%d",&ns);

            sc[si].id=s3.id;

            strcpy(sc[si].brand,s3.brand);

            sc[si].cost=s3.cost;

            sc[si].no_items=ns;

            si++;

        break;

    case 304:printf("Enter The no.of %s shoes you want to add:",s4.brand);

            scanf("%d",&ns);

            sc[si].id=s4.id;
```

```c
                strcpy(sc[si].brand,s4.brand);

                sc[si].cost=s4.cost;

                sc[si].no_items=ns;

                si++;

            break;

        case 305:printf("Enter The no.of %s shoes you want to add:",s5.brand);

                scanf("%d",&ns);

                sc[si].id=s5.id;

                strcpy(sc[si].brand,s5.brand);

                sc[si].cost=s5.cost;

                sc[si].no_items=ns;

                si++;

            break;

        }

        printf("Press s if you want add anymore products from shoess:");

        scanf(" %c",&sch);

}while(sch=='s');

}

displaye(struct techh_cart techh[],int(n))

{

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

        printf("%d\t%s\t\t%d\t%d\n",techh[i].id,techh[i].i_name,techh[i].cost,techh[i].no_items);

}

displayb(struct novels_cart nc[],int(n))

{

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

        printf("%d\t%s\t%d\t%d\n",nc[i].id,nc[i].i_name,nc[i].cost,nc[i].no_items);

}

displays(struct shoes_cart sc[],int(n))

{

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

```c
        printf("%d\t%s\t%d\t%d\n",sc[i].id,sc[i].brand,sc[i].cost,sc[i].no_items);
}
void change()
{
        do
        {
        printf("Enter the Id of the product you wish to change the quantity:");
        scanf("%d",&chanid);
        for(i=0;i<ti;i++)
        {
                if(chanid==techh[i].id)
                {
                printf("Enter the no.of quatities you want:");
                scanf("%d",&techh[i].no_items);
                break;
                }
        }
        pos=0;
        for(i=0;i<bi;i++)
        {
        if(chanid==nc[i].id)
                {
                printf("Enter the no.of quatities you want:");
                scanf("%d",&nc[i].no_items);
                break;
                }
        }
        pos=0;
        for(i=0;i<si;i++)
        {
        if(chanid==sc[i].id)
```

```c
                {
                        printf("Enter the no.of quatities you want:");

                        scanf("%d",&sc[i].no_items);

                        break;
                }
        }
        printf("----------------------------Product Quantity changed Succesfully-------------------------------
------\n\n");

        printf("Enter c to change the quantity of more items:");

        scanf(" %c",&ch);
}while(ch=='c');

}
void delete_techh_products(delid,n)
{
        pos=0;

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

                if(techh[i].id==delid)
                {
                        for(j=pos-1;j<n;j++)

                        techh[j]=techh[j+1];

                        ti--;
                }
        }
printf("---------------------------------------Item deleted Sucessfully---------------------------------------
");
}
void delete_novels(delid,n)
{
        pos=0;

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

```c
        {
                pos++;

                if(nc[i].id==delid)

                {
                        for(j=pos-1;j<n;j++)

                        nc[j]=nc[j+1];

                        bi--;

                }
        }
        printf("--------------------------------------Item deleted Sucessfully--------------------------------------------");

}

void delete_shoes(delid,n)

{
        pos=0;

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

        {
                pos++;

                if(sc[i].id==delid)

                {
                        for(j=pos-1;j<n;j++)

                        sc[j]=sc[j+1];

                        si--;

                }
        }
        printf("--------------------------------------Item deleted Sucessfully--------------------------------------------");

}

void bill()

{
    printf("Please Enter your Name:");

    scanf("%s",name);
```

```c
        printf("Enter Phone Number:");

        scanf("%lld",&ph_no);

        printf("ENTER ADDRESS");

        printf("\nHouse Number:");

        scanf("%d",&hs_no);

        printf("Street:");

        scanf("%s",street);

        printf("Town/City:");

        scanf("%s",city);

        printf("District:");

        scanf("%s",district);

        printf("State:");

        scanf("%s",state);

        if(techh[0].id!=0)

        {

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

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

            {

            printf("ID:%d\ni_name:%s\ncost:%d\nNo_Items:%d\n",techh[i].id,techh[i].i_name,techh[i].cost,techh[i].no_items);

                    totalt+=techh[i].cost*techh[i].no_items;

            }

}

        if(totalt!=0)

        {

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

        printf("Total techh_products Bill=%d\n",totalt);

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

    }

        if(nc[0].id!=0)

    {
```

```c
        printf("--------------------------------novels-----------------------------------------------\n");

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

        {

        printf("ID:%d\nnovels_Name:%s\ncost:%d\nNo_Items:%d\n",nc[i].id,nc[i].i_name,nc[i].cost,
nc[i].no_items);

                totaln+=nc[i].cost*nc[i].no_items;

        }
}

        if(totaln!=0)

        {

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

        printf("Total novels Bill=%d\n",totaln);

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

    }

        if(sc[0].id!=0)

    {

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

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

        {

        printf("ID:%d\nBrand_Name:%s\ncost:%d\nNo_Items:%d\n",sc[i].id,sc[i].brand,sc[i].cost,sc[i
].no_items);

                totals+=sc[i].cost*sc[i].no_items;

        }
}

        if(totals!=0)

        {

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

        printf("Total Shoes Bill=%d\n",totals);

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

```c
    }

        total=totalt+totaln+totals;

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

        printf("TOTAL BILL=%d\n",total);

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

        printf("------------------**Thank You For Buying %s**---------------",name);

}
```