

# **Certificate**

This is to certify that the project entitled  
Canteen Management System  
is prepared under my guidance and supervision by

**NAME:-**

**ROLL NUMBER: .....**

**CLASS:XII**

**SUBJECT: COMPUTER SCIENCE**

**SESSION:**

**SUBMITTED TO :- Ms.Pallavi Sharma**

**SIGNATURE:- .....**

# Acknowledgment

I extend my deep sense of gratitude and sincere thanks to our subject teacher Ms Pallavi Sharma for his valuable support and guidance in carrying my project work .

I also express my gratitude to all the faculty members, parents and my fellow mates who have helped me to carry out this work. Last but not the least, I thank my almighty God for His blessing showed on me during this period .

```

#include<iostream .h>

#include<conio .h>

#include<string .h>

#include<stdio .h>

#include<process .h>

#include<iomanip .h>

#include<dos .h>

main()
{
clrscr();

unsigned int sum,add,d,i,j,e,f,g,h,k,l,w,x,y,z;

unsigned int bir=10,per=36,der=110,mur=8,par=110,cor=90,twr=1199, lur=17,tir=107,
        rer=1499;

int
qubis=1000,abis=0,qupep=1000,apep=0,quden=110,aden=0,qumun=1000,amun=0,quperk=500,aperk=0
,qucoc=400,acoc=0,qutit=100,atit=0,qulux=1000,alux=0,qutid=1000,atid=0,quree=300,aree=0;

unsigned int m=0,n=0,o=0,p=0,q=0,r=0,s=0,t=0,u=0,v=0;

char name[50],rank[10],pu,c[20],a[15],b[15],ok;

clrscr();

main::

cout<<"\n\n\n\t\t\t AFFWA CANTEEN MANAGEMENT";

    cout<<"\n\n\nCONSUMER INFORMATION";

    cout<<"\n\n\n\n NAME:";

    gets(name);

```

```
cout<<"\n RANK:";
gets(rank);
cout<<"\n SERVICE NO.:";
cin>>a;
cout<<"\n SMART CARD NO.:";
cin>>b;
cout<<"\n PHONE NO.:";
cin>>c;
cout<<"\n ENTER BILL NO.:";
cin>>i;
again;;
clrscr();
cout<<"\n\n\n1.MENU & PURCHASE";
cout<<"\n\n\n2.DETAILS";
cout<<"\n\n\n3.NEW CUSTOMER";
cout<<"\n\n\n4.QUANTITY AVAILABLE";
cout<<"\n\n\n5.EXIT";
cout<<"\n\n\nENTER YOUR CHOICE:";
cin>>d;
clrscr();
switch(d)
{
case 1:
cout<<"\nITEMS\t\t\t\t\t RATE(RS)";
cout<<"\n\n\nBISCUTE\t\t\t\t\t10 ";
```

```

cout<<"\n\nPEPSODENT\t\t\t\t\t\t\t36";

cout<<"\n\nDENIM POWDER\t\t\t\t\t\t\t110 ";

cout<<"\n\nMUNCH\t\t\t\t\t\t\t\t8 ";

cout<<"\n\nPARK AVENUE PERFUME\t\t\t\t\t\t\t110 ";

cout<<"\n\nCOCONUT HAIR OIL\t\t\t\t\t\t\t90 ";

cout<<"\n\nTITAN WATCH\t\t\t\t\t\t\t\t1199 ";

cout<<"\n\nLUX SOAP\t\t\t\t\t\t\t\t17 ";

cout<<"\n\nTIDE\t\t\t\t\t\t\t\t\t\t107 ";

cout<<"\n\nREEBOK SHOES\t\t\t\t\t\t\t\t\t1499 ";

start:

cout<<"\n\n\nDO YOU WANT TO PURCHASE(Y/N):\n";

cin>>pu;

    if(pu=='Y' || pu=='y')

        {switch(pu)

            case 1:

                clrscr();

                cout<<"\n\n\n\t\t\t\t\t\tPURCHASE LIST";

                bis;;

                cout<<"\n\nBISCUTE(MAX 30): ";

                cin>>m;

                if(m>30)

                    {

                        cout<<"Enter Quantity Smaller than 30";

                        getch();

```

```
goto bis;

}

else

abis=qubis-m;

pep;;

cout<<"\nPEPSODENT(MAX 2): ";

cin>>n;

if(n>2)

{

cout<<"Enter Quantity Smaller than 2";

getch();

goto pep;

}

else

apep=qupep-n;

den;;

cout<<"\nDENIM POWDER(MAX 2): ";

cin>>o;

if(o>2)

{

cout<<"Enter Quantity Smaller then 2";

getch();

goto den;

}

else
```

```
aden=quden-o;

mun;;

cout<<"\nMUNCH(MAX 50): ";

cin>>p;

if(p>50)

{

    cout<<"Enter Quantity Smaller then 50";

    getch();

    goto mun;

}

else

    amun=qumun-p;

    park;;

    cout<<"\nPARK AVENUE PERFUME(MAX 2): ";

    cin>>q;

if(q>2)

{

    cout<<"Enter Quantity Smaller then 2";

    getch();

    goto park;

}

else

    aperk=quperk-q;
```

```
coco;  
  
cout<<"\nCOCONUT HAIR OIL(MAX 2): ";  
  
cin>>r;
```

```
if(r>2)  
{  
  
    cout<<"Enter Quantity Smaller then 2";  
  
    getch();  
  
    goto coco;  
  
}
```

```
else  
  
    acoc=qucoc-r;  
  
titan;  
  
cout<<"\nTITAN WATCH(MAX 2): ";  
  
cin>>s;
```

```
if(s>2)  
{  
  
    cout<<"Enter Quantity Smaller then 2";  
  
    getch();  
  
  
    goto titan;  
  
}
```

```
else  
  
    atit=qutit-s;
```



```
lux;;

cout<<"\nLUX SOAP(MAX 10): ";

cin>>t;

if(t>10)

{

    cout<<"Enter Quantity Smaller then 10";

    getch();

    goto lux;

}

else

    alux=qulux-t;

    tid;;

    cout<<"\nTIDE(MAX 2): ";

    cin>>u;

if(u>2)

{

    cout<<"Enter Quantity Smaller then 2";

    getch();

    goto tid;

}

else

    atid=qutid-u;

    ree;;
```



```

cout<<"\nITEMS"      <<setw(40)<<"QUANTITY"<<setw(35)<<"PRICE(Rs.)";

cout<<"=====
=";

if(m>0)

    cout<<"\n\nBISCUTE"    <<setw(38)<<m<<setw(28)<<"Rs."<<m*bir;

if(n>0)

    cout<<"\n\nPEPSODENT"  <<setw(36)<<n<<setw(28)<<"Rs."<<n*per;

if(o>0)

    cout<<"\n\nDENIM POWDER" <<setw(33)<<o<<setw(28)<<"Rs."<<o*der;

if(p>0)

    cout<<"\n\nMUNCH"      <<setw(40)<<p<<setw(28)<<"Rs."<<p*mur;

if(q>0)

    cout<<"\n\nPARK AVENUE PERFUME"<<setw(26)<<q<<setw(28)<<"Rs."<<q*par;

if(r>0)

    cout<<"\n\nCOCONUT HAIR OIL" <<setw(29)<<r<<setw(28)<<"Rs."<<r*cor;

if(s>0)

    cout<<"\n\nTITAN WATCH"   <<setw(34)<<s<<setw(28)<<"Rs."<<s*twr;

if(t>0)

    cout<<"\n\nLUX SOAP"     <<setw(37)<<t<<setw(28)<<"Rs."<<t*lor;

if(u>0)

    cout<<"\n\nTIDE"        <<setw(41)<<u<<setw(28)<<"Rs."<<u*tir;

if(v>0)

    cout<<"\n\nREEBOK SHOES"  <<setw(33)<<v<<setw(28)<<"Rs."<<v*rer;

    e=m*bir;

    f=n*per;

```

```
g=o*der;
h=p*mur;
k=q*par;
l=r*cor;
w=s*twr;
x=t*lur;
y=u*tir;
z=v*rer;

sum=e+f+g+h+k+l+w+x+y+z;
add=m+n+o+p+q+r+s+t+u+v;
```

```
cout<<"\n=====
==";
```

```
cout<<"\nTOTAL:"<<setw(40)<<add<<setw(27)<<"Rs."<<sum;
```

```
cout<<"\n\nTHANK YOU .\t\t\t VISIT US AGAIN\n";
```

```
getch();
```

```
clrscr();
```

```
goto again;
```

```
}
```

```
else
```

```
{goto again;
```

```
}
```

```
case 2:
```

```

cout<<"\n\n\n\n\t\t\tCANTEEN DETAILS";

cout<<"\n\n#TIMING:\n\n 11 AM TO 02 PM \n 03 PM TO 05 PM";

cout<<"\n\n#CANTEEN WILL CLOSED ON TUESDAY";

cout<<"\n\n#GOODS ONCE SOLD WILL NOT BE EXCHANGED/REPLACED";

cout<<"\n\n#TAKE YOUR SMART CARD WITH YOU";

cout<<"\n\n#COLLECT YOUR SMART CARD & BILL AFTER PAYMENT";

cout<<"\n\n#DO NOT BREAK ANY CANTEEN ITEMS";

getch();

clrscr();

goto again;

case 3:

goto main;

case 4:

    if(m>0 | |n>0 | |o>0 | |p>0 | |q>0 | |r>0 | |s>0 | |t>0 | |u>0 | |v>0)

        {cout<<"\n\t\t\tItems Available in Canteen.\n\n\n";

cout<<"=====
=";

        cout<<"\nITEMS"          <<setw(40)<<"QUANTITY";

cout<<"\n=====
=";

        cout<<"\n\n\nBISCUTE"      <<setw(38)<<abis;

        cout<<"\n\n\nPEPSODENT"    <<setw(36)<<a pep;

        cout<<"\n\n\nDENIM POWDER"  <<setw(33)<<aden;

        cout<<"\n\n\nMUNCH"        <<setw(40)<<amun;

        cout<<"\n\n\nPARK AVENUE PERFUME"<<setw(26)<<aperk;

```

```

cout<<"\n\n\nCOCONUT HAIR OIL" <<setw(29)<<acoc;

cout<<"\n\n\nTITAN WATCH"   <<setw(34)<<atit;

cout<<"\n\n\nLUX SOAP"      <<setw(37)<<alux;

cout<<"\n\n\nTIDE"         <<setw(41)<<atid;

cout<<"\n\n\nREEBOK SHOES"  <<setw(33)<<aree;

cout<<"\n*****
**";

    getch();

    goto again;

}

else

    {{cout<<"\n\t\t\tItems Available in Canteen.\n\n\n";

cout<<"=====
=";

    cout<<"\nITEMS"        <<setw(40)<<"QUANTITY";

cout<<"\n=====
=";

    cout<<"\n\n\nBISCUTE"   <<setw(38)<<qubis;

    cout<<"\n\n\nPEPSODENT"  <<setw(36)<<qupep;

    cout<<"\n\n\nDENIM POWDER" <<setw(33)<<quden;

    cout<<"\n\n\nMUNCH"     <<setw(40)<<qumun;

    cout<<"\n\n\nPARK AVENUE PERFUME"<<setw(26)<<quperk;

    cout<<"\n\n\nCOCONUT HAIR OIL" <<setw(29)<<qucoc;

    cout<<"\n\n\nTITAN WATCH"   <<setw(34)<<quitit;

    cout<<"\n\n\nLUX SOAP"      <<setw(37)<<qulux;

```

```

cout<<"\n\nTIDE"      <<setw(41)<<qutid;

cout<<"\n\nREEBOK SHOES"  <<setw(33)<<quree;

cout<<"\n\n*****
****";

    getch();

    goto again;

}

case 5:

cout<<"\n\n\n\n\n\n\n\n\n\t\t\t\t\t THANKS";

clrscr();

cout<<"\n\n\n\n\n\n\n\n\n\n\n\n\n\t\t\t\t\t THANKS";

getch();

exit(0);

default:

    cout<<"Your choice is wrong";

    getch();

goto again;

}

}

}

```

# OUTPUT

## AFFWA CANTEEN MANAGEMENT

### CONSUMER INFORMATION

NAME: ankur

RANK:22

SERVICE NO.:1234

SMART CARD NO.:1111

PHONE NO.:1234567

ENTER BILL NO.:120



1.MENU & PURCHASE

2.DETAILS

3.NEW CUSTOMER

4.QUANTITY AVAILABLE

5.EXIT

ENTER YOUR CHOICE: 1

ITEMS	RATE(RS)
-------	----------

BISCUTE	10
---------	----

PEPSODENT	36
-----------	----

DENIM POWDER	110
MUNCH	8
PARK AVENUE PERFUME	110
COCONUT HAIR OIL	90
TITAN WATCH	1199
LUX SOAP	17
TIDE	107
REEBOK SHOES	1499

DO YOU WANT TO PURCHASE(Y/N): y

ITEMS	RATE(RS)
-------	----------

BISCUTE	10
---------	----

PEPSODENT	36
DENIM POWDER	110
MUNCH	8
PARK AVENUE PERFUME	110
COCONUT HAIR OIL	90
TITAN WATCH	1199
LUX SOAP	17
TIDE	107
REEBOK SHOES	1499

DO YOU WANT TO PURCHASE(Y/N):

y

PURCHASE LIST

BISCUTE(MAX 30): 2

PEPSODENT(MAX 2): 2

DENIM POWDER(MAX 2): 1

MUNCH(MAX 50): 5

PARK AVENUE PERFUME(MAX 2): 1

COCONUT HAIR OIL(MAX 2): 1

TITAN WATCH(MAX 2): 1

LUX SOAP(MAX 10): 4

TIDE(MAX 2): 2

REEBOK SHOES(MAX 4): 2

AFFWA CANTEEN

CASH MEMO

BILL NO.:120

NAME:ankur

RANK:22

SERVICE NO.:1234

SMART CARD NO.:1111

PHONE NO.:1234567

=====

ITEMS	QUANTITY	PRICE(Rs.)
-------	----------	------------

=====

BISCUTE	2	Rs.20
---------	---	-------

PEPSODENT	2	Rs.72
DENIM POWDER	1	Rs.110
MUNCH	5	Rs.40
PARK AVENUE PERFUME	1	Rs.110
COCONUT HAIR OIL	1	Rs.90
TITAN WATCH	1	Rs.1199
LUX SOAP	4	Rs.68
TIDE	2	Rs.214
REEBOK SHOES	2	Rs.2998

=====

TOTAL:	21	Rs.4921
--------	----	---------

THANK YOU . VISIT US AGAIN

1.MENU & PURCHASE

2.DETAILS

3.NEW CUSTOMER

4.QUANTITY AVAILABLE

5.EXIT

ENTER YOUR CHOICE:2

CANTEEN DETAILS

#TIMING:

11 AM TO 02 PM

03 PM TO 05 PM

#CANTEEN WILL CLOSED ON TUESDAY

#GOODS ONCE SOLD WILL NOT BE EXCHANGED/REPLACED

#TAKE YOUR SMART CARD WITH YOU

#COLLECT YOUR SMART CARD & BILL AFTER PAYMENT

#DO NOT BREAK ANY CANTEEN ITEMS

1.MENU & PURCHASE

2.DETAILS

3.NEW CUSTOMER



4.QUANTITY AVAILABLE

5.EXIT

ENTER YOUR CHOICE: 4

Items Available in Canteen.

=====

ITEMS	QUANTITY
-------	----------

=====

BISCUTE	998
---------	-----

PEPSODENT	998
-----------	-----

DENIM POWDER	109
--------------	-----

MUNCH 995

PARK AVENUE PERFUME 499

COCONUT HAIR OIL 399

TITAN WATCH 99

LUX SOAP 996

TIDE 998

REEBOK SHOES 298

---

1.MENU & PURCHASE

2.DETAILS

3.NEW CUSTOMER

4.QUANTITY AVAILABLE

5.EXIT

ENTER YOUR CHOICE: 3

AFFWA CANTEEN MANAGEMENT

CONSUMER INFORMATION

NAME:shubham

RANK:3

SERVICE NO.:66

SMART CARD NO.:234

PHONE NO.:2345678

ENTER BILL NO.:121

1.MENU & PURCHASE

2.DETAILS

3.NEW CUSTOMER

4.QUANTITY AVAILABLE

5.EXIT

ENTER YOUR CHOICE: 5

THANKS