#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();

 printf("\n +++++++++++++++++++++++++++++++++++++++\*++++++++++++++++++++++++++++++++++++++");

 printf("\n +                   \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*                  +");

 printf("\n +                  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*                 +");

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 printf("\n +             \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*WELCOME\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*            +");

 printf("\n +              \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*             +");

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 printf("\n +++++++++++++++++++++++++++++++++++++++\*++++++++++++++++++++++++++++++++++++++");

  getch();

 clrscr();

  main:;

  cout<<"\n\n\n\t\t\t     LAXMI 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\n\n\1.MENU & PURCHASE";

cout<<"\n\n\n\2.DETAILS";

cout<<"\n\n\n\3.NEW CUSTOMER";

cout<<"\n\n\n\4.QUANTITY AVAILABLE";

cout<<"\n\n\n\5.EXIT";

cout<<"\n\n\nENTER YOUR CHOICE:";

cin>>d;

clrscr();

  switch(d)

  {

  case 1:

cout<<"\nITEMS\t\t\t\t\t\t\t      RATE(RS)";

cout<<"\n\n\nBISCUTE\t\t\t\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\t110   ";

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

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

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

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

cout<<"\n\nREEBOK SHOES\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\tPURCHASE LIST";

  bis:;

  cout<<"\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<<"\nREEBOK SHOES(MAX 4): ";

  cin>>v;

  if(v>4)

  {

cout<<"Enter Quantity Smaller then 4";

  getch();

  goto ree;

  }

  else

  aree=quree-v;

  cout<<"\n";

  clrscr();

  cout<<"\n\n\n\n\n\n\t\t\t\tAFFWA CANTEEN\n";

  cout<<"\n\n\t\t\t\t  CASH MEMO\n";

  cout<<"\n\nBILL NO.:"<<i;

  cout<<"\n\nNAME:";

  cout<<name;

  cout<<"\n\nRANK:"<<rank;

  cout<<"\n\nSERVICE NO.:"<<a;

  cout<<"\n\nSMART CARD NO.:"<<b;

  cout<<"\n\nPHONE NO.:"<<c;

  cout<<"\n\n\n\n\n";

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

  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\*lur;

  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\n\t\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 Avaliable 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)<<apep;

  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 Avaliable 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)<<qutit;

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

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

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

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

  getch();

  goto again;

  }

default:

cout<<"Your choice is wrong";

getch();

goto again;

 }

 }

}