#include<iostream>

using namespace std;

class pizzaShop

{

private:

int b1,b2,b3,b4;

public:

pizzaShop()

{

b1=0,b2=0,b3=0,b4=0;

}

void Dboy(int n)

{

int c;

cout<<"please select the boy"<<"1,2,3,4"<<endl;

cin>>c;

if(c==1)

{

if(b1==0)

{

int a=n;

b1++;

}

else

{

cout<<"the boy b1 is not free"<<endl;

}

}

if(c==2)

{

if(b2==0)

{

int a=n;

b2++;

}

else

{

cout<<"the boy b2 is not free"<<endl;

}

}

if(c==3)

{

if(b3==0)

{

int a=n;

b3++;

}

else

{

cout<<"the boy b3 is not free";

}

}

if(c==4)

{

if(b4==0)

{

int a=n;

b4++;

}

else

{

cout<<"the boy b4 is not free";

}

}

}

void workstatus()

{

cout << "the 1 is" << b1 << endl;

cout << "the 2 is" << b2 << endl;

cout << "the 3 is" << b3 << endl;

cout << "the 4 is" << b4 << endl;

}

void stat()

{

if (b1 == 0)

{

cout << "Boy b1 is free" << endl;

}

if (b2 == 0)

{

cout << "Boy b2 is free" << endl;

}

if (b3 == 0)

{

cout << "Boy b3 is free" << endl;

}

if (b4 == 0)

{

cout << "Boy b4 is free" << endl;

}

else

{

cout << "sorry no boy is free" << endl;

}

}

void delevere()

{

int a;

cout << "please Enter The Delivery Boy Number:" << endl;

cin >> a;

if (a == 1)

{

b1 = 0;

cout << "OK" << endl;

}

if (a == 2)

{

b2 = 0;

cout << "OK" << endl;

}

if (a == 3)

{

b3 = 0;

cout << "OK" << endl;

}

if (a == 4)

{

b4 = 0;

cout << "OK" << endl;

}

}

};

int main()

{

int choice;

pizzaShop s;

s.Dboy(2);

s.delevere();

s.stat();

cout<<" 1 for pizza 2 for cold drink 3 for tea 4 exit"<<endl;

cin>>choice;

switch(choice)

{case 1:

{

cout<<"1 for medium 2 for large."<<endl;

cin>>choice;

if(choice==1)

{

cout<<"Bill is 250";

}

if (choice==2)

{

cout<<"bill is 450 "<<endl;}

break;

}

case 2:

{

cout<<"1 for pepsi 2 for dew"<<endl;

cin>>choice;

if(choice==1)

{

cout<<"Bill is 50";}

if (choice==2)

{

cout<<"bill is 60 "<<endl;}

}

case 3:

{

cout<<"Bill is 20";}

case 4:

{

exit(0);

}

}

system("pause");

return 0;

}