# Program:

import java.util.Scanner;

class Entry

{

Scanner t = new Scanner(System.in);

String fn,ln;

Long number;

String address;

void Add()

{

System.out.print("\nFirst Name:\n");

fn=t.nextLine();

System.out.print("\nLast Name:\n");

ln=t.nextLine();

System.out.print("\nNumber:\n");

number=t.nextLong();

t.nextLine();

System.out.print("\nAddress:\n");

address=t.nextLine();

}

void display()

{

System.out.print("\nFirst Name: " + fn);

System.out.print("\nLast Name : " + ln);

System.out.print("\nNumber : " + number);

System.out.print("\nAddress : " + address);

}

}

class Main

{

public static void main(String arg[])

{

int choice,q=0,c,i;

String n;

double f;

Entry list[]=new Entry[100];

Scanner in = new Scanner(System.in);

do

{

System.out.print("\n1.Add Entry \n2.Edit Existing Entry \n3.Search And Display\n");

choice=in.nextInt();

switch(choice)

{

case 1:

{

list[q]=new Entry();

list[q].Add();

q++;

break;

}

case 2:

{

int ta=0;

System.out.print("\nEnter The Phone Number: ");

f=in.nextDouble();

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

{

if(list[i].number==f)

{

list[i].display();

list[i].Add();

break;

}

else

ta=1;

}

if(ta==1)

{

System.out.print("\nEntry Dosent Exist\n");

break;

}

break;

}

case 3:

{

int tb=0;

System.out.print("\nEnter The Last Name\n");

n=in.next();

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

{

if(list[i].ln.equals(n))

{

list[i].display();

break;

}

else

tb=1;

}

if(tb==1)

{

System.out.print("\nEntry Dosent Exist\n");

break;

}

break;

}

}

System.out.print("\nIf You Want To Repeat Press 1: ");

c=in.nextInt();

}while(c==1);

}

}

# Output:

