import java.util.ArrayList;

import java.util.List;

import java.util.Scanner;

class Employee

{

private String empName,empAddress;

private Long empId;

private int empAge;

public Employee(String empName,String empAddress, Long empId, int empAge)

{

this.empName=empName;

this.empAddress=empAddress;

this.empId=empId;

this.empAge=empAge;

}

public String getempName() {

return empName;

}

public void setName(String Name) {

empName = Name;

}

public String getempAddress() {

return empAddress;

}

public void setempAddress(String Address) {

empAddress = Address;

}

public Long getempId() {

return empId;

}

public void setempId(Long Id) {

empId = Id;

}

public int getempAge() {

return empAge;

}

public void setempAge(int Age) {

empAge =Age;

}

}

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

List<Employee> ListForEmployee= new ArrayList<Employee>();

List<Employee> templist= new ArrayList<Employee>();

String empName;

String empAddress;

long empId;

int empAge;

int count=0;

while(true)

{

System.out.print("\nThe Choices:\n1>Add\n2>Update\n3>Delte\n4>GET\n\n");

System.out.println("Enter the choice: ");

System.out.println("To quit type -1");

int num=sc.nextInt();

if(num == -1)

{

break;

}

switch(num)

{

case 1:

{

System.out.print("\nempName: ");

empName=sc.next();

System.out.print("\nempAddress: ");

empAddress=sc.next();

empId=(long)10125+count;

count++;

System.out.print("\nempAge: ");

empAge=sc.nextInt();

Employee employee1=new Employee(empName,empAddress,empId,empAge);

ListForEmployee.add(employee1);

System.out.println("Remember Employee Id : "+empId);

break;

}

case 2:

{

System.out.println("Enter the empId");

empId=sc.nextLong();

for(int j=0;j<ListForEmployee.size();j++)

{

Employee temp=ListForEmployee.get(j) ;

System.out.println(ListForEmployee.size()+" "+empId+" "+temp.getempId()+" "+j);

if(empId==temp.getempId())

{

ListForEmployee.remove(j);

System.out.println("Update values");

System.out.println("1 Name: ");

System.out.println("2 Age: ");

System.out.println("3 Address: ");

System.out.print("Enter your choice : ");

int m = sc.nextInt();

Employee employee1=null;

switch(m)

{

case 1:

{

System.out.print("New Name :");

String name1=sc.next();

employee1=new Employee(name1,temp.getempAddress(),temp.getempId(), temp.getempAge());

ListForEmployee.add(j,employee1);

m=999;

break;

}

case 2:

{

System.out.print("New Age :");

int ag = sc.nextInt();

employee1=new Employee(temp.getempName(),temp.getempAddress(),temp.getempId(),ag);

ListForEmployee.add(j,employee1);

m=999;

break;

}

case 3:

{

System.out.print("New Address :");

String name1=sc.next();

employee1=new Employee(temp.getempName(),name1,temp.getempId(),temp.getempAge());

ListForEmployee.add(j,employee1);

m=999;

break;

}

}

if(m==999){

break;

}

}

}

System.out.println("Employee Id not present...");

break;

}

case 3:

{

System.out.println("Enter the empId");

empId=sc.nextLong();

int mm=0;

for(int j=0;j<ListForEmployee.size();j++)

{

Employee temp=ListForEmployee.get(j) ;

System.out.println(empId+" "+temp.getempId());

if(empId==temp.getempId())

{

ListForEmployee.remove(j);

System.out.println("Employee deleted ....");

mm=999;

break;

}

}

if(mm!=999)

{

System.out.println("Employee Id not present...");

}

break;

}

case 4:

{

System.out.println("=========================================================");

for(int j=0;j<ListForEmployee.size();j++)

{

Employee temp=ListForEmployee.get(j) ;

System.out.println( " empId : "+temp.getempId()+"\n empName : "+temp.getempName()+"\n empAddress : "+temp.getempAddress()+"\n empAge : "+temp.getempAge());

System.out.println("=========================================================");

}

System.out.println("=========================================================");

break;

}

}

}

}

}