using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace QLNV

{

public abstract class NhanVien

{

string hoTen;

DateTime ngaySinh;

DiaChi diaChi;

public NhanVien()

{

hoTen = "";

//ngaySinh = new DateTime(1,1,1900);

}

public NhanVien(string hoTen, DateTime ngaySinh, DiaChi diaChi)

{

this.hoTen = hoTen;

this.ngaySinh = ngaySinh;

this.diaChi = diaChi;

}

public string getHoTen

{

get { return hoTen; }

set { this.hoTen = value; }

}

public DateTime getNgaySinh

{

get { return ngaySinh; }

set { this.ngaySinh = value; }

}

public DiaChi getDiaChi

{

get { return diaChi; }

set { this.diaChi = value; }

}

public virtual void InThongTin()

{

Console.WriteLine("Ho Ten :"+this.hoTen);

Console.WriteLine("Ngay sinh :"+this.ngaySinh);

Console.WriteLine("Dia chi :"+diaChi.toString());

}

public virtual void NhapThongTin()

{

Console.Write("Ho Ten :");

hoTen = Console.ReadLine();

Console.Write("Ngay sinh :");

ngaySinh = DateTime.Parse(Console.ReadLine());

Console.Write("Dia chi :");

diaChi = new DiaChi();

Console.Write("So nha :");

diaChi.getSoNha = Console.ReadLine();

Console.Write("Ten duong :");

diaChi.getTenDuong = Console.ReadLine();

Console.Write("Ten quan :");

diaChi.getTenQuan = Console.ReadLine();

Console.Write("Ten thanh pho :");

diaChi.getThanhPho = Console.ReadLine();

}

public abstract double TinhLuong();

public abstract int TuoiHuu();

}

}

//---------------

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace QLNV

{

public class NVSX:NhanVien

{

double luongCB;

int soSP;

public NVSX()

{

luongCB = 0;

soSP = 0;

}

public NVSX(string hoTen, DateTime ngaySinh, DiaChi diaChi, double luongCB, int soSP):base(hoTen,ngaySinh,diaChi)

{

this.luongCB = luongCB;

this.soSP = soSP;

}

public double getLuongCB

{

get { return luongCB; }

set { this.luongCB = value; }

}

public int getSoSP

{

get { return soSP; }

set { this.soSP = value; }

}

public override void NhapThongTin()

{

base.NhapThongTin();

Console.Write("Luong cb :");

luongCB = double.Parse(Console.ReadLine());

Console.Write("So san pham :");

soSP = int.Parse(Console.ReadLine());

}

public override void InThongTin()

{

base.InThongTin();

Console.WriteLine("Luong cb :"+luongCB);

Console.WriteLine("So sp :"+soSP);

}

public override double TinhLuong()

{

return luongCB + soSP \* 5000;

}

public override int TuoiHuu()

{

int tuoi;

tuoi = DateTime.Now.Year - getNgaySinh.Year;

return tuoi;

}

}

}

//-----------

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace QLNV

{

class Program

{

static void Main(string[] args)

{

int n;

Console.Write("So luong nhan vien :");

n = int.Parse(Console.ReadLine());

NhanVien[] nv = new NhanVien[n];

Console.WriteLine("------Nhap thong tin nhan vien-----");

for(int i=0;i<n;i++)

{

nv[i] = new NVSX();

Console.Write("Nhan vien sx thu :"+(i+1));

nv[i].NhapThongTin();

}

Console.WriteLine("------xuat thong tin nhan vien-----");

for (int i = 0; i < n; i++)

{

nv[i].InThongTin();

}

Console.WriteLine("------Tong luong nvsx-----");

double sum = 0;

for (int i = 0; i < n; i++)

{

sum = sum + nv[i].TinhLuong();

}

Console.Write("Tong luong :" + sum);

Console.WriteLine("------Nhan vien ve huu-----");

for (int i = 0; i < n; i++)

{

if (nv[i].TuoiHuu() >= 60)

nv[i].InThongTin();

}

// nv[i].InThongTin();

Console.ReadKey();

}

}

}