Câu 1:

package nhanvien;

public class NhanVien {

protected String ten;

protected long luong;

public NhanVien() {

}

public NhanVien(String ten) {

this.ten = ten;

}

protected String loaiNhanVien() {

return "loai nhan vien";

}

public void tinhLuong() {

}

public void xuatThongTin() {

}

}

package nhanvien;

public class NhanVienFullTime extends NhanVien {

private int loaiChucVu;

private int ngayLamThem;

public NhanVienFullTime() {

}

public NhanVienFullTime(int loaiChucVu, int ngayLamThem) {

this.loaiChucVu = loaiChucVu;

this.ngayLamThem = ngayLamThem;

}

public int getLoaiChucVu() {

return loaiChucVu;

}

public void setLoaiChucVu(int loaiChucVu) {

this.loaiChucVu = loaiChucVu;

}

public int getNgayLamThem() {

return ngayLamThem;

}

public void setNgayLamThem(int ngayLamThem) {

this.ngayLamThem = ngayLamThem;

}

@Override

public String loaiNhanVien() {

return "loai nhan vien";

}

@Override

public void tinhLuong() {

}

}

package nhanvien;

public class NhanVienPartTime extends NhanVien {

private int gioLamViec;

public NhanVienPartTime() {

}

public NhanVienPartTime(int gioLamViec, String ten) {

super(ten);

this.gioLamViec = gioLamViec;

}

@Override

public void tinhLuong() {

}

@Override

protected String loaiNhanVien() {

return "loai nhan vien";

}

}

package nhanvien;

import java.util.Scanner;

public class MainNhanVien {

public static void main(String[] args) {

System.out.println("Nhap 1 de xem nhan vien fulltime");

System.out.println("Nhap 2 de xem nhan vien parttime");

System.out.print("Nhap: ");

Scanner sc = new Scanner(System.in);

int menu = sc.nextInt();

switch (menu) {

case 1:

NhanVienFullTime full = new NhanVienFullTime();

full.tinhLuong();

full.loaiNhanVien();

break;

case 2:

NhanVienPartTime part = new NhanVienPartTime();

part.loaiNhanVien();

part.tinhLuong();

default:

System.exit(0);

}

}

}

Câu 2:

package hocsinh;

public class HocSinh {

private String hoTen;

private String lop;

private double toan;

private double ly;

private double hoa;

public HocSinh() {

}

public HocSinh(String hoTen, String lop, double toan, double ly, double hoa) {

this.hoTen = hoTen;

this.lop = lop;

this.toan = toan;

this.ly = ly;

this.hoa = hoa;

}

public String getHoTen() {

return hoTen;

}

public void setHoTen(String hoTen) {

this.hoTen = hoTen;

}

public String getLop() {

return lop;

}

public void setLop(String lop) {

this.lop = lop;

}

public double getToan() {

return toan;

}

public void setToan(double toan) {

this.toan = toan;

}

public double getLy() {

return ly;

}

public void setLy(double ly) {

this.ly = ly;

}

public double getHoa() {

return hoa;

}

public void setHoa(double hoa) {

this.hoa = hoa;

}

public void diemTrungBinh(){

double diem = (this.toan + this.ly + this.hoa)/3;

System.out.println("Vay diem trung binh la: " + diem);

}

}

package hocsinh;

import java.util.Scanner;

public class HocSinhChuyenToan extends HocSinh {

public HocSinhChuyenToan() {

}

public HocSinhChuyenToan(String hoTen, String lop, double toan, double ly, double hoa) {

super(hoTen, lop, toan, ly, hoa);

}

public void diemTrungBinhChuyenToan(){

Scanner sc = new Scanner(System.in);

System.out.print("Nhap diem toan: ");

setToan(sc.nextDouble());

System.out.print("Nhap diem ly: ");

setLy(sc.nextDouble());

System.out.print("Nhap diem hoa: ");

setHoa(sc.nextDouble());

double diemChuyenToan = (2\*getToan()+getLy()+getHoa())/4;

System.out.println("Diem trung binh hoc sinh chuyen toan la: "+diemChuyenToan);

}

}

package hocsinh;

import java.util.Scanner;

public class MainHocSinh {

public static void main(String[] args) {

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

System.out.println("Nhap 1 xem diem trung binh hoc sinh");

System.out.println("Nhap 2 xem diem hoc sinh trung binh chuyen toan");

System.out.print("Nhap:");

Scanner sc = new Scanner(System.in);

int menu = sc.nextInt();

switch (menu) {

case 1:

System.out.println("");

HocSinh hs = new HocSinh();

hs.diemTrungBinh();

break;

case 2:

HocSinhChuyenToan hsct = new HocSinhChuyenToan();

hsct.diemTrungBinhChuyenToan();

default:

System.exit(0);

}

}

}