**Cau 1:**

**package** baitap;

**public** **class** nhanvien {

**public** String ten;

**public** **long** luong;

**private** String loainhanvien;

**public** nhanvien() {

**super**();

**this**.ten="";

**this**.luong=0;

}

**public** nhanvien(String ten, **long** luong) {

**super**();

**this**.ten=ten;

**this**.luong=luong;

}

**public** String getten() {

**return** ten;

}

**public** **long** getluong() {

**return** luong;

}

**public** **void** tinhluong(**int** b) {

}

**public** **void** xuatthongtin() {

**this**.xuatthongtin();

}

**public** **void** setloainhanvien(String string) {

**this**.loainhanvien=loainhanvien;

}

**public** String toString() {

**return** "Nhanvien[ten="+ ten+", luong="+ luong+"]";

}

**public** **void** tinhluong() {

// **TODO** Auto-generated method stub

}

}

**package** baitep;

**import** java.util.Scanner;

**public** **class** nhanvienfulltime **extends** nhanvien {

Scanner input = **new** Scanner(System.***in***);

**public** **int** loaichucvu;

**public** **int** ngayLamthem;

**public** nhanvienfulltime() {

**this**.loaichucvu=0;

**this**.ngayLamthem=0;

}

**public** nhanvienfulltime(**int** loaiphucvu, **int** ngayLamThem) {

**super**();

**this**.loaichucvu=loaichucvu;

**this**.ngayLamthem=ngayLamthem;

}

**public** **int** getloaichucvu(){

**return** loaichucvu;

}

**public** **int** getngayLamthem() {

**return** ngayLamthem;

}

**public** **void** setloaichucvu(**int** loaichucvu) {

**this**.loaichucvu=loaichucvu;

}

**public** **void** setngayLamthem(**int** ngayLamthem) {

**this**.ngayLamthem=ngayLamthem;

}

**public** String getloainhanvien() {

**return** getloainhanvien();

}

**public** **void** setngayLamthem() {

**this**.ngayLamthem=ngayLamthem;

}

@Override

**public** **void** tinhluong(**int** b) {

System.***out***.println("loai chuc vu");

setloaichucvu(input.nextInt());

System.***out***.println("nhap so ngay");

setngayLamthem(input.nextInt());

**int** luongLamThem = ngayLamthem \* 200000;

b += luongLamThem;

System.***out***.println("Muc luong fulltime: " + b);

}

}

**package** baitep;

**import** java.util.Scanner;

**public** **class** nhanvienparttime **extends** nhanvien {

Scanner input=**new** Scanner(System.***in***);

**public** **int** giolamviec;

**public** String loainhanvien;

**public** nhanvienparttime() {

**super**();

**this**.giolamviec=4;

**this**.loainhanvien="";

}

**public** **void** setgiolamviec() {

**this**.giolamviec=giolamviec;

}

@Override

**public** **void** tinhluong(**int** b) {

System.***out***.println(" loai nhan vien");

setloainhanvien(input.nextLine());

System.***out***.println(" chi lam 4 tieng ");

**int** tinhluong=giolamviec\*30000;

b+=tinhluong;

System.***out***.println(" muc luong parttime" +b);

}

}

**Cau 2:**

**package** baitap;

**import** java.util.Scanner;

**public** **class** chay {

**public** **static** **void** main(String[] args ) {

nhanvienfulltime nvf=**new** nhanvienfulltime();

nvf.tinhluong(0);

nhanvienparttime nvp=**new** nhanvienparttime();

nvp.tinhluong(0);

}

}

Bài toán học sinh

**package** lap6;

**import** java.util.Scanner;

**public** **class** Hocsinh {

Scanner input = **new** Scanner(System.***in***);

**public** String hoTen;

**public** String lop;

**public** **double** toan;

**public** **double** ly;

**public** **double** hoa;

**public** **double** diemTrungBinh;

**public** Hocsinh(String hoTen, String lop) {

**this**.hoTen=hoTen;

**this**.lop=lop;

}

**public** String gethoTen() {

**return** hoTen;

}

**public** String getlop() {

**return** lop;

}

**public** **double** gettoan() {

**return** toan;

}

**public** **double** getly() {

**return** ly;

}

**public** **double** gethoa() {

**return** hoa;

}

**public** **double** getdiemTrungBinh() {

**return** diemTrungBinh;

}

**public** **void** setdiemTrungBinh(**double** diemTrungBinh) {

**this**.diemTrungBinh=diemTrungBinh;

}

**public** **void** sethoTen(String string) {

**this**.hoTen=hoTen;

}

**public** **void** setlop(String string) {

**this**.lop=lop;

}

**public** **void** settoan(**double** d) {

**this**.toan=d;

}

**public** **void** sethoa(**double** d) {

**this**.hoa=d;

}

**public** **void** setly(**double** d) {

**this**.ly=d;

}

**void** nhap() {

System.***out***.println("nhap ho ten");

sethoTen(input.nextLine());

System.***out***.println("nhap lop");

setlop(input.nextLine());

System.***out***.println("nhap diem toan");

settoan(input.nextDouble());

System.***out***.println("nhap diem ly");

setly(input.nextDouble());

System.***out***.println("nhap diem hoa");

sethoa(input.nextDouble());

**double** diemTrungBinh = (gettoan() + getly() + gethoa()) / 3;

setdiemTrungBinh(diemTrungBinh);

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

}

**void** Nhap() {

// **TODO** Auto-generated method stub

}

}

**package** lap6;

**public** **class** HocsinhChuyenToan **extends** Hocsinh {

**public** HocsinhChuyenToan(String hoTen, String lop) {

**super**(lop, lop);

// **TODO** Auto-generated constructor stub

}

**void** Nhap() {

System.***out***.println("nhap ho ten");

sethoTen(input.nextLine());

System.***out***.println("nhap lop");

setlop(input.nextLine());

System.***out***.println("nhap diem toan");

settoan(input.nextDouble());

System.***out***.println("nhap diem ly");

setly(input.nextDouble());

System.***out***.println("nhap diem hoa");

sethoa(input.nextDouble());

**double** diemTrungBinh = (gettoan()\*2 + getly() + gethoa()) / 3;

setdiemTrungBinh(diemTrungBinh);

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

}

}

**package** lap6;

**import** java.util.Scanner;

**public** **class** main {

**public** **static** **void** main(String[] args) {

Scanner scanner = **new** Scanner(System.***in***);

Hocsinh hocSinh = **new** Hocsinh("", "");

System.***out***.println("Nhập thông tin học sinh:");

hocSinh.nhap();

System.***out***.println("Thông tin học sinh:");

System.***out***.println("Tên: " + hocSinh.gethoTen());

System.***out***.println("Lớp: " + hocSinh.getlop());

System.***out***.println("Điểm toán: " + hocSinh.gettoan());

System.***out***.println("Điểm lý: " + hocSinh.getly());

System.***out***.println("Điểm hóa: " + hocSinh.gethoa());

System.***out***.println("Điểm trung bình: " + hocSinh.getdiemTrungBinh());

HocsinhChuyenToan hocSinhChuyenToan = **new** HocsinhChuyenToan("", "");

System.***out***.println("Nhập thông tin học sinh chuyên toán:");

hocSinhChuyenToan.Nhap();

System.***out***.println("Thông tin học sinh chuyên toán:");

System.***out***.println("Tên: " + hocSinhChuyenToan.gethoTen());

System.***out***.println("Lớp: " + hocSinhChuyenToan.getlop());

System.***out***.println("Điểm toán: " + hocSinhChuyenToan.gettoan());

System.***out***.println("Điểm lý: " + hocSinhChuyenToan.getly());

System.***out***.println("Điểm hóa: " + hocSinhChuyenToan.gettoan());

}

}