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import java.util.Scanner ;

import java.util.Random ;

class Ekspedisi{

    static int[] SlipPembayaran(int cek , String[] nama, String[] alamat, String[] prov, String[]
kota, String[] keca,

        String[] jenis,int[] berat, int[] total){

        Scanner sc = new Scanner(System.in);

        int[] total3 = new int[total.length + 1] ;

        int total1 = 0, total2 = 0 ;

        if (cek == 1) {

            total1 = berat[berat.length - 1] * 10000 ;

        }else if(cek == 2){

            total2 = berat[berat.length - 1] * 20000 ;

        }

        System.out.println("-----

");

        if (cek == 1) {

            System.out.println(" | JENIS LAYANAN : REGULAR ");

        }else if(cek == 2){

            System.out.println(" | JENIS LAYANAN : KILAT ");

        }

        System.out.println(" | NAMA PENGIRIM : " + nama[nama.length - 1] );

        System.out.println(" | TUJUAN PENGIRIM : " + alamat[alamat.length - 1] + "
Kecamatan " + keca[keca.length - 1]

+ " Kota " + kota[kota.length - 1] + " , " + prov[prov.length - 1]);

        System.out.println(" | JENIS BARANG : " + jenis[jenis.length - 1] );

        System.out.println(" | BERAT BARANG : " + berat[berat.length - 1] + " KG");

        if (cek == 1) {

            System.out.println(" | HARGA PERK 1KG : Rp 10.000");

            System.out.println(" | TOTAL PEMBAYARAN : Rp " + total1);

        }else if(cek == 2){

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        System.out.println("| HARGA PERK 1KG : Rp 20.000");
        System.out.println("| TOTAL PEMBAYARAN : Rp " + total2);
    }
    System.out.print("| TUNAI PEMBAYARAN : Rp ");
    int bayar = sc.nextInt() ;
    int kembalian = 0 ;
    if (bayar > total1 ) {
        kembalian = bayar - total1 ;
        System.out.println("| TOTAL KEMBALIAN : Rp " + kembalian);
    }else if (bayar > total2){
        kembalian = bayar - total2 ;
        System.out.println("| TOTAL KEMBALIAN : Rp " + kembalian);
    }
    System.out.println("-----
");

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    for (int i=0;i< total3.length;i++) {
        if (i == total.length && cek == 1) {
            total3[i] = total1 ;
        }else if(i == total.length && cek == 2){
            total3[i] = total2 ;
        }
        else{
            total3[i] = total[i] ;
        }
    }
    return total = total3 ;
}

static int[] Resi(int[] nomor){
    Random rand = new Random() ;
    int resi = 0 ;

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int[] resi1 = new int[nomor.length + 1] ;
int cek = 0 ;
do{
    resi = rand.nextInt(1000000000) ;
    for (int i=0;i< nomor.length ;i++ ) {
        if (nomor[i] != resi) {
            if (i == nomor.length - 1) {
                cek = 1 ;
            }
        }else{
            cek = 0 ;
            break ;
        }
    }
}while(cek == 0);
for (int i=0;i< resi1.length;i++) {
    if (i == nomor.length) {
        resi1[i] = resi ;
    }else{
        resi1[i] = nomor[i] ;
    }
}

System.out.println(" | NOMOR RESI : " + resi);
System.out.println("-----");
");

return nomor = resi1 ;
}

static void Riwayat(String[] layanan, String[] nama, String[] alamat, String[] prov, String[]
kota, String[] keca, String[] jenis, int[] berat, int[] total, int[] resi){
    System.out.println("-----");
    -----");

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        System.out.println(" | NO RESI | NAMA          | LAYANAN      | TUJUAN
                           | JENIS          | BERAT        | TOTAL");

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

        for (int i=0;i<layanan.length ;i++ ) {

            System.out.println(" | "+resi[i]+" | "+nama[i]+" | "+layanan[i]+" |
"+alamat[i]+" Kecamatan "+keca[i]+" Kota "+kota[i]+" , "+prov[i]+" | "+jenis[i]+" |
"+berat[i]+"KG | Rp "+total[i]) ;

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

        }

    }

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in) ;

        int cek = 0 , cek1 = 0;

        String[] layanan = {"Regular"} ;

        String[] namaPengirim = {"RevanggaAdytya"} ;

        String[] alamat = {"JL.Simpang Balapan"} ;

        String[] tujuanProvinsi = {"Jawa Timur"} ;

        String[] tujuanKota = {"Malang"} ;

        String[] tujuanKecamatan = {"Klojen"} ;

        String[] jenis = {"FULL SYSTEM EXHAUST"} ;

        int[] berat = {5} ;

        int[] total = {3000000} ;

        int[] noResi = {123456789} ;

        do{

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

            System.out.println(" | JASA EKSPEDISI JNS |");

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

            System.out.println("1. Pengiriman");

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System.out.println("2. Riwayat Pengiriman");

System.out.println("3. Keluar");

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

cek = sc.nextInt();

if (cek == 1) {
    do{
        System.out.println("-----");
        System.out.println("|    PILIH JENIS LAYANAN    |");
        System.out.println("-----");
        System.out.println("1. Regular");
        System.out.println("2. Kilat");
        System.out.println("3. Kembali");
        System.out.print("PILIH : ");
        cek1 = sc.nextInt();
        if (cek1 == 1) {
            System.out.println("-----");
            System.out.println("|    MASUKKAN DATA BARANG    |");
            System.out.println("-----");
            layanan = Layanan(layanan,cek1) ;
            namaPengirim = NamaPengirim(namaPengirim) ;
            alamat = InputALamat(alamat) ;
            tujuanProvinsi = TujuanProvinsi(tujuanProvinsi) ;
            tujuanKota = TujuanKota(tujuanKota) ;
            tujuanKecamatan =
TujuanKecamatan(tujuanKecamatan) ;

            jenis = JenisBarang(jenis) ;
            berat = InputBerat(berat) ;
            total =
SlipPembayaran(cek1,namaPengirim,alamat,tujuanProvinsi,tujuanKota,tujuanKecamatan,jenis,berat,
total) ;

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        noResi = Resi(noResi) ;
    }
    if (cek1 == 2) {
        System.out.println("-----");
        System.out.println("|    MASUKKAN DATA BARANG

|");

        System.out.println("-----");
        layanan = Layanan(layanan,cek1) ;
        namaPengirim = NamaPengirim(namaPengirim) ;
        alamat = InputALamat(alamat) ;
        tujuanProvinsi = TujuanProvinsi(tujuanProvinsi) ;
        tujuanKota = TujuanKota(tujuanKota) ;
        tujuanKecamatan =
TujuanKecamatan(tujuanKecamatan) ;

        jenis = JenisBarang(jenis) ;
        berat = InputBerat(berat) ;
        total =
SlipPembayaran(cek1,namaPengirim,alamat,tujuanProvinsi,tujuanKota,tujuanKecamatan,jenis,berat,
total) ;

        noResi = Resi(noResi) ;
    }
    }while(cek1 != 3);
}
if (cek == 2) {

    Riwayat(layanan,namaPengirim,alamat,tujuanProvinsi,tujuanKota,tujuanKecamatan,jenis,be
rat,total,noResi) ;

}
}while (cek != 3);
}

static String[] Layanan(String[] lyn, int cek){
    String[] lyn1 = new String[lyn.length + 1] ;

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        for (int i=0;i<lyn1.length ;i++ ) {
            if (i == lyn.length && cek == 1) {
                lyn1[i] = "Regular" ;
            }else if (i == lyn.length && cek == 2){
                lyn1[i] = "Kilat" ;
            }
            else{
                lyn1[i] = lyn[i] ;
            }
        }
        return lyn = lyn1 ;
    }

    static String[] NamaPengirim(String[] Nama){
        Scanner sc = new Scanner(System.in) ;
        String[] nama1 = new String[Nama.length + 1] ;
        System.out.print(" Masukkan Nama Pengirim   : ");
        String nama = sc.nextLine() ;

        for (int i=0;i<nama1.length ;i++ ) {
            if (i == Nama.length) {
                nama1[i] = nama ;
            }else{
                nama1[i] = Nama[i] ;
            }
        }
        return Nama = nama1 ;
    }

    static String[] InputALamat(String[] almt){
        Scanner sc = new Scanner(System.in) ;
        String[] almt1 = new String[almt.length + 1] ;
        System.out.print(" Masukkan Alamat Tujuan   : ");
    }

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String alamat = sc.nextLine() ;

for (int i=0;i<almt1.length ;i++ ) {
    if (i == almt.length) {
        almt1[i] = alamat ;
    }else{
        almt1[i] = almt[i] ;
    }
}

return almt = almt1 ;
}

static String[] TujuanProvinsi(String[] prov){
    Scanner sc = new Scanner(System.in) ;
    String[] tujuan1 = new String[prov.length + 1] ;
    System.out.print(" Masukkan Provinsi Tujuan : ");
    String tujuan = sc.nextLine() ;

    for (int i=0;i<tujuan1.length ;i++ ) {
        if (i == prov.length) {
            tujuan1[i] = tujuan ;
        }else{
            tujuan1[i] = prov[i] ;
        }
    }

    return prov = tujuan1 ;
}

static String[] TujuanKota(String[] kota){
    Scanner sc = new Scanner(System.in) ;
    String[] tujuan1 = new String[kota.length + 1] ;
    System.out.print(" Masukkan Kota Tujuan : ");
    String tujuan = sc.nextLine() ;

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        for (int i=0;i<tujuan1.length ;i++ ) {
            if (i == kota.length) {
                tujuan1[i] = tujuan ;
            }else{
                tujuan1[i] = kota[i] ;
            }
        }
        return kota = tujuan1 ;
    }

    static String[] TujuanKecamatan(String[] keca){
        Scanner sc = new Scanner(System.in) ;
        String[] tujuan1 = new String[keca.length + 1] ;
        System.out.print(" Masukkan Kecamatan Tujuan : ");
        String tujuan = sc.nextLine() ;

        for (int i=0;i<tujuan1.length ;i++ ) {
            if (i == keca.length) {
                tujuan1[i] = tujuan ;
            }else{
                tujuan1[i] = keca[i] ;
            }
        }
        return keca = tujuan1 ;
    }

    static String[] JenisBarang(String[] jns){
        Scanner sc = new Scanner(System.in) ;
        String[] jns1 = new String[jns.length + 1] ;
        System.out.print(" Masukkan Jenis Barang   : ");
        String jenis = sc.nextLine() ;
    }

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```

        for (int i=0;i<jns1.length ;i++ ) {
            if (i == jns.length) {
                jns1[i] = jenis ;
            }else{
                jns1[i] = jns[i] ;
            }
        }
        return jns = jns1 ;
    }

    static int[] InputBerat(int[] brt){
        Scanner sc = new Scanner(System.in) ;
        int[] brt1 = new int[brt.length + 1] ;
        System.out.print(" Masukkan Berat Barang   : ");
        int berat = sc.nextInt() ;

        for (int i=0;i<brt1.length ;i++ ) {
            if (i == brt.length) {
                brt1[i] = berat ;
            }else{
                brt1[i] = brt[i] ;
            }
        }
        return brt = brt1 ;
    }
}

```