**UAS ALGORITMA KJ004**

**“Laporan Rekapitulasi Bonus dan Bajet akhir tahun PT.ABC”**

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**DISUSUN OLEH**

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STUDY KASUS 1

#include <iostream>

#include <iomanip>

#include <conio.h>

#include <windows.h>

using namespace std;

void gotoxy(int x, int y)

{

//HANDLE hConsoleOutput;

//COORD dwCursorPosition;

//cout.flush();

//dwCursorPosition.X = x;

//dwCursorPosition.Y = y;

//hConsoleOutput = GetStdHandle(STD\_OUTPUT\_HANDLE);

COORD coord;

coord.X = x;

coord.Y = y;

SetConsoleCursorPosition(GetStdHandle(STD\_OUTPUT\_HANDLE),coord);

}

//data input

string nama[15] = {"Arina","Deby","Rais","Hilmi","Kevin","Sandy","Lidya","Irgi", "Nabil","Chika","Rafi","Jody","Starly","Kelly","Hadasa"};

string jenkel[15] = {"Perempuan","Perempuan","Laki- laki","Laki-laki","Laki-laki","Laki-laki","Perempuan","Laki- laki","Laki-laki","Perempuan","Laki-laki","Laki- laki","Perempuan","Perempuan","Perempuan"};

string status[15] = {"Menikah","Single","Menikah","Menikah","Single","Single","Me nikah","Menikah","Menikah","Single","Menikah","Single","Singl e","Menikah","Menikah"};

string jabatan[15] = {"IT Manajer","IT Analis","IT Programmer","IT Jaringan","IT Adm Database","IT Manajer","IT Programmer","IT Analis","IT Adm Database","IT Jaringan","IT Manajer","IT Analis","IT Jaringan","IT Adm Database","IT Programmer"};

double jmlAnak[15] = {2,0,4,7,0,0,5,1,2,0,3,0,0,2,6};

//data rumus

double gapok[15], tunjAnak[15], tunjIstri[15];

string bonusAkhir[15], tunjJabatanTabel[15];

double totBonus[15], gaber[15], budgetAkhir[15];

int tahunSekarang = 2023;

int tahunMasuk[15] = {2000,2005,2010,2015,2019, 2001,2006,2011,2016,2020, 2002,2007,2012,2017,2021};

int masaKerja[15], jmlOrg1[3]={1,1,1}, jmlOrg2[3]={1,1,1}, jmlOrg3[3]={1,1,1}, jmlOrg4[3]={1,1,1}, jmlOrg5[3]={1,1,1};

double tunjJabatan[15], totJmlOrg1=0, totJmlOrg2=0, totJmlOrg3=0, totJmlOrg4=0, totJmlOrg5=0;

void tabel1(){

gotoxy(33,0);cout<<"Laporan Rekapitulasi Bonus dan Bajet akhir tahun PT.ABC";

gotoxy(1,2);cout<<"HALAMAN : 1";

gotoxy(1,3);cout<<"========================================== ============================================================= =============";

gotoxy(1,4);cout<<"|NO| NAMA |JNS KELMN| STATUS |JML ANAK|GAJI POKOK|TUN JABATAN|MASA KERJA| BNS AKH-TAHUN |TOT BNS | GABER |";

gotoxy(1,5);cout<<"========================================== ============================================================= =============";

for(int i = 0; i < 5; i++)

{

gotoxy(1,6+i);

cout<<"| | | | | | | | | | | |";

}

gotoxy(1,11);cout<<"========================================= ============================================================= ==============";

gotoxy(1,13);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Singapura & Malaysia` \t\t\t: ";

gotoxy(1,14);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Malaysia WakaTobi & Raja Ampat` \t:";

gotoxy(1,15);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Lembah Arraw & Pulau Mandeh` \t\t:";

gotoxy(1,16);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Bali, PulauDewata` \t\t\t:";

gotoxy(1,17);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `PutriDuyung Park Ancol` \t\t: ";

}

void input1(){

for (int i = 0; i < 5; i++){

gotoxy(2,6+i);cout<<i+1;

gotoxy(5,6+i);cout << nama[i];

gotoxy(12,6+i);cout << jenkel[i];

gotoxy(22,6+i);cout << status[i];

gotoxy(34,6+i);cout << jmlAnak[i];

if(jabatan[i]=="IT Manajer"){

gapok[i]=15000000;

tunjJabatan[i]=0.35 \* gapok[i];

tunjJabatanTabel[i]="35%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.3 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.25 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.35 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Analis"){

gapok[i]=12000000;

tunjJabatan[i]=0.3 \* gapok[i];

tunjJabatanTabel[i]="30%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.25 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.2 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.3 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Programmer"){

gapok[i]=10000000;

tunjJabatan[i]=0.25 \* gapok[i];

tunjJabatanTabel[i]="25%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.2 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.15 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.2 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Jaringan"){

gapok[i]=8000000;

tunjJabatan[i]=0.2 \* gapok[i];

tunjJabatanTabel[i]="20%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.15 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.1 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.18 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Adm Database"){

gapok[i]=6000000;

tunjJabatan[i]=0.15 \* gapok[i];

tunjJabatanTabel[i]="15%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.1 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.05 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.15 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

}

masaKerja[i] = tahunSekarang - tahunMasuk[i];

gotoxy(40,6+i);cout << setprecision(10) << gapok[i];

gotoxy(55,6+i);cout << tunjJabatanTabel[i];

gotoxy(64,6+i);cout << masaKerja[i] << " tahun";

if(masaKerja[i]>=20){

bonusAkhir[i] = "Singapura & Malaysia";

budgetAkhir[i] = 0.45 \* gapok[i];

} else if (masaKerja[i]>=15){

bonusAkhir[i] = "WakaTobi & RajaAmpat";

budgetAkhir[i] = 0.4 \* gapok[i];

} else if(masaKerja[i]>=10){

bonusAkhir[i] = "LembahArraw&P.Mandeh";

budgetAkhir[i] = 0.35 \* gapok[i];

} else if(masaKerja[i]>=5){

bonusAkhir[i] = "Bali, P.Dewata";

budgetAkhir[i] = 0.30 \* gapok[i];

} else {

bonusAkhir[i] = "PutriDuyung Ancol";

budgetAkhir[i] = 0.25 \* gapok[i];

}

gotoxy(74,6+i);cout << bonusAkhir[i];

totBonus[i] = budgetAkhir[i] + tunjJabatan[i] + tunjIstri[i] + tunjAnak[i];

gaber[i] = totBonus[i] + gapok[i];

gotoxy(95,6+i);cout <<totBonus[i];

gotoxy(107,6+i);cout << gaber[i];

gotoxy(90,13);cout<<jmlOrg1[0]<< " orang";

gotoxy(90,14);cout<<jmlOrg2[0]<< " orang";

gotoxy(90,15);cout<<jmlOrg3[0]<< " orang";

gotoxy(90,16);cout<<jmlOrg4[0]<< " orang";

gotoxy(90,17);cout<<jmlOrg5[0]<< " orang";

}

}

void tabel2(){

gotoxy(33,20);cout<<"Laporan Rekapitulasi Bonus dan Bajet akhir tahun PT.ABC";

gotoxy(1,22);cout<<"HALAMAN : 2";

gotoxy(1,23);cout<<"========================================= ============================================================= ==============";

gotoxy(1,24);cout<<"|NO| NAMA |JNS KELMN| STATUS |JML ANAK|GAJI POKOK|TUN JABATAN|MASA KERJA| BNS AKH-TAHUN |TOT BNS | GABER |";

gotoxy(1,25);cout<<"========================================= ============================================================= ==============";

for(int i = 5; i < 10; i++)

{

gotoxy(1,21+i);

cout<<"| | | | | | | | | | | |";

}

gotoxy(1,31);cout<<"========================================= ============================================================= ==============";

gotoxy(1,33);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Singapura & Malaysia` \t\t\t: ";

gotoxy(1,34);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Malaysia WakaTobi & Raja Ampat` \t:";

gotoxy(1,35);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Lembah Arraw & Pulau Mandeh` \t\t:";

gotoxy(1,36);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Bali, PulauDewata` \t\t\t:";

gotoxy(1,37);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `PutriDuyung Park Ancol` \t\t: ";

}

void input2(){

for (int i =5; i < 10; i++){

gotoxy(2,21+i);cout<<i-4;

gotoxy(5,21+i);cout << nama[i];

gotoxy(12,21+i);cout << jenkel[i];

gotoxy(22,21+i);cout << status[i];

gotoxy(34,21+i);cout << jmlAnak[i];

if(jabatan[i]=="IT Manajer"){

gapok[i]=15000000;

tunjJabatan[i]=0.35 \* gapok[i];

tunjJabatanTabel[i]="35%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.3 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.25 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.35 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Analis"){

gapok[i]=12000000;

tunjJabatan[i]=0.3 \* gapok[i];

tunjJabatanTabel[i]="30%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.25 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.2 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.3 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Programmer"){

gapok[i]=10000000;

tunjJabatan[i]=0.25 \* gapok[i];

tunjJabatanTabel[i]="25%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.2 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.15 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.2 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Jaringan"){

gapok[i]=8000000;

tunjJabatan[i]=0.2 \* gapok[i];

tunjJabatanTabel[i]="20%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.15 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.1 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.18 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Adm Database"){

gapok[i]=6000000;

tunjJabatan[i]=0.15 \* gapok[i];

tunjJabatanTabel[i]="15%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.1 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.05 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.15 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

}

masaKerja[i] = tahunSekarang - tahunMasuk[i];

gotoxy(40,21+i);cout << setprecision(10) << gapok[i];

gotoxy(55,21+i);cout << tunjJabatanTabel[i];

gotoxy(64,21+i);cout << masaKerja[i] << " tahun";

if(masaKerja[i]>=20){

bonusAkhir[i] = "Singapura & Malaysia";

budgetAkhir[i] = 0.45 \* gapok[i];

} else if (masaKerja[i]>=15){

bonusAkhir[i] = "WakaTobi & RajaAmpat";

budgetAkhir[i] = 0.4 \* gapok[i];

} else if(masaKerja[i]>=10){

bonusAkhir[i] = "LembahArraw&P.Mandeh";

budgetAkhir[i] = 0.35 \* gapok[i];

} else if(masaKerja[i]>=5){

bonusAkhir[i] = "Bali, P.Dewata";

budgetAkhir[i] = 0.30 \* gapok[i];

} else {

bonusAkhir[i] = "PutriDuyung Ancol";

budgetAkhir[i] = 0.25 \* gapok[i];

}

gotoxy(74,21+i);cout << bonusAkhir[i];

totBonus[i] = budgetAkhir[i] + tunjJabatan[i] + tunjIstri[i] + tunjAnak[i];

gaber[i] = totBonus[i] + gapok[i];

gotoxy(95,21+i);cout <<totBonus[i];

gotoxy(107,21+i);cout << gaber[i];

gotoxy(90,33);cout<<jmlOrg1[1]<< " orang";

gotoxy(90,34);cout<<jmlOrg2[1]<< " orang";

gotoxy(90,35);cout<<jmlOrg3[1]<< " orang";

gotoxy(90,36);cout<<jmlOrg4[1]<< " orang";

gotoxy(90,37);cout<<jmlOrg5[1]<< " orang";

}

}

void tabel3(){

gotoxy(33,40);cout<<"Laporan Rekapitulasi Bonus dan Bajet akhir tahun PT.ABC";

gotoxy(1,42);cout<<"HALAMAN : 3";

gotoxy(1,43);cout<<"========================================= ============================================================= ==============";

gotoxy(1,44);cout<<"|NO| NAMA |JNS KELMN| STATUS |JML ANAK|GAJI POKOK|TUN JABATAN|MASA KERJA| BNS AKH-TAHUN |TOT BNS | GABER |";

gotoxy(1,45);cout<<"========================================= ============================================================= ==============";

for(int i = 10; i < 15; i++)

{

gotoxy(1,36+i);

cout<<"| | | | | | | | | | | |";

}

gotoxy(1,51);cout<<"========================================= ============================================================= ==============";

gotoxy(1,53);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Singapura & Malaysia` \t\t\t: ";

gotoxy(1,54);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Malaysia WakaTobi & Raja Ampat` \t:";

gotoxy(1,55);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Lembah Arraw & Pulau Mandeh` \t\t:";

gotoxy(1,56);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `Bali, PulauDewata` \t\t\t:";

gotoxy(1,57);cout<<"Jumlah karyawan yang mendapat Bonus Akhir thn `PutriDuyung Park Ancol` \t\t: ";

}

void input3(){

for (int i = 10; i < 15; i++){

gotoxy(2,36+i);cout<<i-9;

gotoxy(5,36+i);cout << nama[i];

gotoxy(12,36+i);cout << jenkel[i];

gotoxy(22,36+i);cout << status[i];

gotoxy(34,36+i);cout << jmlAnak[i];

if(jabatan[i]=="IT Manajer"){

gapok[i]=15000000;

tunjJabatan[i]=0.35 \* gapok[i];

tunjJabatanTabel[i]="35%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.3 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.25 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.35 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Analis"){

gapok[i]=12000000;

tunjJabatan[i]=0.3 \* gapok[i];

tunjJabatanTabel[i]="30%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.25 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.2 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.3 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Programmer"){

gapok[i]=10000000;

tunjJabatan[i]=0.25 \* gapok[i];

tunjJabatanTabel[i]="25%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.2 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.15 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.2 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Jaringan"){

gapok[i]=8000000;

tunjJabatan[i]=0.2 \* gapok[i];

tunjJabatanTabel[i]="20%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.15 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.1 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.18 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Perempuan"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

} else if (jabatan[i]=="IT Adm Database"){

gapok[i]=6000000;

tunjJabatan[i]=0.15 \* gapok[i];

tunjJabatanTabel[i]="15%";

if(status[i]=="Menikah" && jenkel[i]=="Laki- laki"){

tunjAnak[i] = (0.1 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = (0.05 \* gapok[i]);

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

} else if (status[i]=="Menikah" && jenkel[i]=="Perempuan"){

tunjAnak[i] = (0.15 \* gapok[i]) \*jmlAnak[i];

tunjIstri[i] = 0;

} else if (status[i]=="Single" && jenkel[i]=="Laki-laki"){

tunjAnak[i] = 0;

tunjIstri[i] = 0;

}

}

masaKerja[i] = tahunSekarang - tahunMasuk[i];

gotoxy(40,36+i);cout << setprecision(10) << gapok[i];

gotoxy(55,36+i);cout << tunjJabatanTabel[i];

gotoxy(64,36+i);cout << masaKerja[i] << " tahun";

if(masaKerja[i]>=20){

bonusAkhir[i] = "Singapura & Malaysia";

budgetAkhir[i] = 0.45 \* gapok[i];

} else if (masaKerja[i]>=15){

bonusAkhir[i] = "WakaTobi & RajaAmpat";

budgetAkhir[i] = 0.4 \* gapok[i];

} else if(masaKerja[i]>=10){

bonusAkhir[i] = "LembahArraw&P.Mandeh";

budgetAkhir[i] = 0.35 \* gapok[i];

} else if(masaKerja[i]>=5){

bonusAkhir[i] = "Bali, P.Dewata";

budgetAkhir[i] = 0.30 \* gapok[i];

} else {

bonusAkhir[i] = "PutriDuyung Ancol";

budgetAkhir[i] = 0.25 \* gapok[i];

}

gotoxy(74,36+i);cout << bonusAkhir[i];

totBonus[i] = budgetAkhir[i] + tunjJabatan[i] + tunjIstri[i] + tunjAnak[i];

gaber[i] = totBonus[i] + gapok[i];

gotoxy(95,36+i);cout <<totBonus[i];

gotoxy(107,36+i);cout << gaber[i];

gotoxy(90,53);cout<<jmlOrg1[2]<< " orang";

gotoxy(90,54);cout<<jmlOrg2[2]<< " orang";

gotoxy(90,55);cout<<jmlOrg3[2]<< " orang";

gotoxy(90,56);cout<<jmlOrg4[2]<< " orang";

gotoxy(90,57);cout<<jmlOrg5[2]<< " orang";

}

}

void total(){

for(int i=0; i<3 ; i++){

totJmlOrg1 = totJmlOrg1 + jmlOrg1[i];

totJmlOrg2 = totJmlOrg2 + jmlOrg2[i];

totJmlOrg3 = totJmlOrg3 + jmlOrg3[i];

totJmlOrg4 = totJmlOrg4 + jmlOrg4[i];

totJmlOrg5 = totJmlOrg5 + jmlOrg5[i];

gotoxy(1,60);cout<<"Total Akhir [Seluruhnya] dari \t: ";

gotoxy(1,62);cout<<"Jumlah seluruh karyawan yang mendapat Bonus Akhir thn `Singapura & Malaysia` \t\t: ";

gotoxy(1,63);cout<<"Jumlah seluruh karyawan yang mendapat Bonus Akhir thn `Malaysia WakaTobi & Raja Ampat` :";

gotoxy(1,64);cout<<"Jumlah seluruh karyawan yang mendapat Bonus Akhir thn `Lembah Arraw & Pulau Mandeh` \t:";

gotoxy(1,65);cout<<"Jumlah seluruh karyawan yang mendapat Bonus Akhir thn `Bali, PulauDewata` \t\t:";

gotoxy(1,66);cout<<"Jumlah seluruh karyawan yang mendapat Bonus Akhir thn `PutriDuyung Park Ancol` \t: ";

gotoxy(90,62);cout<<totJmlOrg1<< " orang";

gotoxy(90,63);cout<<totJmlOrg2<< " orang";

gotoxy(90,64);cout<<totJmlOrg3<< " orang";

gotoxy(90,65);cout<<totJmlOrg4<< " orang";

gotoxy(90,66);cout<<totJmlOrg5<< " orang";

}

}

int main(){

tabel1();

input1();

tabel2();

input2();

tabel3();

input3();

total();

cout<<endl;

//return 0;

system("pause>0");

}

OUTPUT



