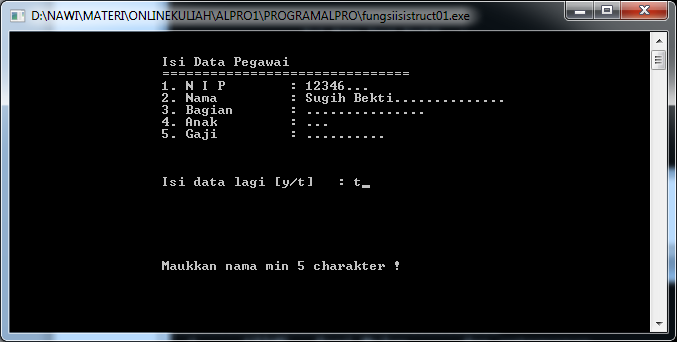
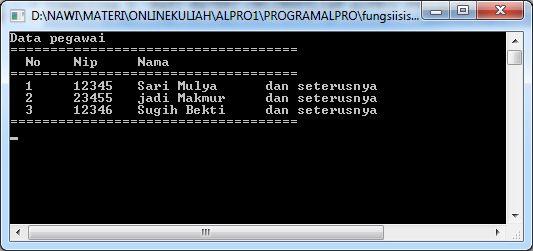
**Praktikum Topik 11 (Praktikum Fungsi02) :**

Output program :



Setelah diisi, dicetak dengan hasil :



Tambahkan kode program berikut, sehingga semua isian dapat diinputkan !

Kode Program :

#include <iostream.h>

#include <conio.h>

#include <stdio.h>

**// membuat variabel struct...............................**

struct spegawai

{

int nip;

char nama[30];

char bagian[15];

int anak;

int gaji;

};

**//mendefinisikan var. pegawai dengan struct spegawai....**

spegawai pegawai[10];

//var data....

int indexdata = 0;

int klm;

int brs;

int klmisi = 38;

char isiket[30];

**// fungsi cetak garis........................**

void garis()

{

cout << "===============================" << endl;

}

**// fungsi cetak judul........................**

void cetakTampilan()

{

clrscr();

klm = 20;

brs = 3;

gotoxy(klm, brs++);cout << "Isi Data Pegawai" << endl;

gotoxy(klm, brs++);garis();

gotoxy(klm, brs++); cout << "1. N I P : ........ ";

gotoxy(klm, brs++); cout << "2. Nama : ......................... ";

gotoxy(klm, brs++); cout << "3. Bagian : ............... ";

gotoxy(klm, brs++); cout << "4. Anak : ... ";

gotoxy(klm, brs++); cout << "5. Gaji : .......... ";

gotoxy(klm, brs+=3); cout << "Isi data lagi [y/t] : ";

}

**//cetak keterangan.......................**

void ketisi()

{

gotoxy(klm, 20); cout << " ";

gotoxy(klm, 20); cout << isiket;

}

**//isi nip.......................**

void isiNip()

{

strcpy(isiket,"Maukkan nip 9000 s/d 99999");

ketisi();

brs = 5;

gotoxy(klmisi, brs); cout << "........ ";

gotoxy(klmisi, brs); cin >> pegawai[indexdata].nip;

if ((pegawai[indexdata].nip < 9000) || (pegawai[indexdata].nip > 99999))

isiNip();

}

**//isi nama.......................**

void isiNama()

{

strcpy(isiket,"Maukkan nama min 5 charakter !");

ketisi();

brs = 6;

gotoxy(klmisi, brs); cout << "......................... ";

gotoxy(klmisi, brs); gets(pegawai[indexdata].nama);

//mmengecek jumlah karakter nama.....

int jumlah=0;

for (int x=0;pegawai[indexdata].nama[x];x++)

jumlah++;

//jika karakter nama kurang dari 5 huruf isi lagi

if (jumlah < 5)

isiNama();

}

//isi bagian, anak dan gaji buat sendiri .......................

**void isiBagian()**

{

//buat sendiri ya.....

}

**//cetak data............................................**

void cetakdata()

{

int no;

int jmldata = indexdata;

clrscr();

cout << "Data pegawai " << endl;

cout << "====================================" << endl;

cout << " No Nip Nama " << endl;

cout << "====================================" << endl;

for (int ndata=0; ndata<jmldata; ndata++)

{

no = ndata + 1;

cout << " " << no << "\t";

cout << pegawai[ndata].nip << "\t";

cout << pegawai[ndata].nama << "\t";

cout << "dan seterusnya" << "\t";

cout << endl;

}

cout << "====================================" << endl;

getch();

}

***//program utama............................................***

void main()

{

// membuat variabel lokal............................

char lagi[1] = "y";

**while (true)**

{

cetakTampilan();

//isi data........................

**isiNip();**

**isiNama();**

//untuk isian yg lain tambahkan sendiri ya.......

//lokasi index ditambah satu......

//setelah simpan data.............

indexdata++;

gotoxy(44, 13); cin >> lagi;

if (strcmp(lagi,"t")==0)

break;

}

//cetak data......................

**cetakdata();**

}