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C:\UJUN\Kuliah\ALGO\Boolean\Boolean.pas
(1)array enumerated and subrange.pas

program tipe_array;
uses crt;
procedure biodata;
const nama = 'Muhammad Junaidi';
var npm : string = '2210010097';
    Kelas : string = '18 TI Reg BJB Pagi';
    i,index : integer;
begin
    textcolor(10);
    for i:=1 to 43 do write('-');
    writeln;
    for i:=1 to 5 do
    begin
        write('*');
        for index:=1 to 43 do
            write(' ');
        writeln('*');
    end;
    for i:=1 to 43 do write('-');
    writeln;
    textcolor(10);
    gotoxy(10,1);writeln('Nama : ',nama);
    gotoxy(10,2);writeln('npm : ',npm);
    gotoxy(10,3);writeln('Kelas : ',kelas);
    gotoxy(1,10);
    textcolor(10);
end;
type nama_hari=(senin,selasa,rabu,kamis,jumat,sabtu,minggu);
usia=0..99;
var hari: array[0..6] of nama_hari;
    umur: array[0..9] of usia;
begin
    clrscr;
    biodata;
    hari[1]:= senin;
    hari[9]:= sabtu;
    umur[3]:= 17;
    umur[8]:= 80;
    writeln('hari [1] : ',hari[1]);
    writeln('hari [9] : ',hari[9]);
    writeln('umur [3] : ',umur[3]);
    writeln('umur [8] : ',umur[8]);
    readln;
end.
```

```
C:\UJUN\Kuliah\ALGO\array li x + v
=====
*                               *
*      Nama : Muhammad Junaidi    *
*      NPM : 2210010097            *
*      Kelas : 18 TI Reg BJB Pagi  *
*                               *
=====

hari [1] : senin
hari [9] : sabtu
umur [3] : 17
umur [8] : 80
|
```

```
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(1)dynamic Array.pas
1-[ ]
program tipe_array;
uses crt;
procedure biodata;
const
  nama = 'Muhammad Junaidi';
var
  npm : string = '2210010097';
  kelas : string = '1B TI Reg BJB Pagi';
  i, index : integer;
begin
  textcolor(14);
  for i:=1 to 45 do
    write('-');
  writeln;
  for i:=1 to 5 do
    begin
      write('*');
      for index:=1 to 45 do
        write(' ');
      writeln('*');
    end;
  for i:=1 to 45 do
    write(' ');
  writeln;
  textcolor(14);
  gotoxy(10,1);writeln('Nama : ',nama);
  gotoxy(10,2);writeln('NPM : ',npm);
  gotoxy(10,3);writeln('Kelas : ',kelas);
  gotoxy(1,4);
  textcolor(14);
end;
var
  nilai : array of integer;
begin
  clrscr;
  biodata;
  setlength(nilai,10);
  nilai[0]:=1;
  nilai[1]:=2;
  nilai[2]:=3;
  writeln('nilai 0 : ',nilai[0]);
  writeln('nilai 6 : ',nilai[6]);
  writeln('nilai 9 : ',nilai[9]);
  readln
end.
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```

```
C:\UJUN\Kuliah\ALGO\array li
=====
*                               *
*      Nama : Muhammad Junaidi      *
*      NPM : 2210010097              *
*      Kelas : 1B TI Reg BJB Pagi    *
*                               *
=====

nilai 0 : 1
nilai 6 : 2
nilai 9 : 4
|
```

```
Free Pascal IDE
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(2)dynamic Array.pas
4-[ ]
program tipe_array ;
uses crt;
var
nilai : array of array of integer;
procedure biodata;
const
nama = 'Muhammad Junaidi';
var
npm : string = '2210010097';
kelas : string = '18 TI Reg BJB Pagi';
i, index : integer;
begin
textcolor(15);
for i:=1 to 43 do
write('-');
writeln;
for i:=1 to 5 do
begin
write('*');
for index:=1 to 43 do
write(' ');
writeln('*');
end;
for i:=1 to 43 do
write('-');
writeln;
textcolor(0);
gotoxy(10,1);writeln('Nama : ',nama);
gotoxy(10,2);writeln('NPM : ',npm);
gotoxy(10,3);writeln('Kelas : ',kelas);
gotoxy(1,10);
textcolor(15);
end;
begin
clrscr;
biodata;
setlength(nilai,4);
nilai[0,0]:=34;
nilai[0,1]:=99;
nilai[0,2]:=15;
nilai[0,3]:=15;
writeln('nilai [0,0] : ',nilai[0,0]);
writeln('nilai [2,3] : ',nilai[2,3]);
writeln('nilai [3,0] : ',nilai[3,0]);
readln;
end.
```

```
C:\UJUN\Kuliah\ALGO\array li x + v
=====
*                               *
*      Nama : Muhammad Junaidi      *
*      NPM : 2210010097              *
*      Kelas : 18 TI Reg BJB Pagi    *
*                               *
=====

nilai [0,0] : 34
nilai [2,3] : 99
nilai [3,0] : 15
|
```