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**Kelompok : 1 (Satu)**

1. Latihan 1 – Pertukaran

{Nama : Firman Abdul Zaelani}

{NPM : 18.14.1.0046}

{Nama Program : pertukaran.pas}

program pertukaran;

uses crt;

var

A, B, C : integer;

begin

CLRSCR;

write('A = ');readln(A);

write('B = ');readln(B);

{Proses Pertukaran Nilai A dan B}

C := A; {Simpan nilai A di tempat 'penampungan' sementara}

A := B; {A diganti dengan nilai B}

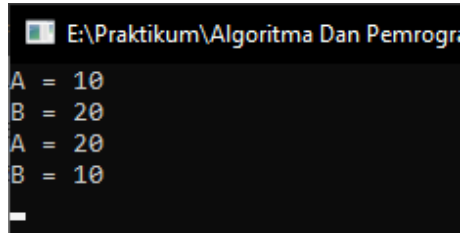
B := C; {Masukkan nilai A dari tempat penampungan ke B}

writeln('A = ',A);

writeln('B = ',B);

readln;

end.

A screenshot of a Windows command prompt window. The title bar shows the path 'E:\Praktikum\Algoritma Dan Pemrogr'. The command prompt contains the following text:

```
A = 10  
B = 20  
A = 20  
B = 10  
_
```

## 2. Latihan 2 - Segitiga Bintang

{Nama : Firman Abdul Zaelani}

{NPM : 18.14.1.0046}

{Nama Program : segitiga\_bintang}

```
program segitiga_bintang;
```

```
uses crt;
```

```
var
```

```
i, j, n : integer;
```

```
begin
```

```
CLRSCR;
```

```
writeln('Program Segitiga Bintang');
```

```
writeln('=====');
```

```
write('Masukkan jumlah baris = '); readln(n);
```

```
for i := 1 to n do
```

```
begin
```

```
for j := 1 to i do
```

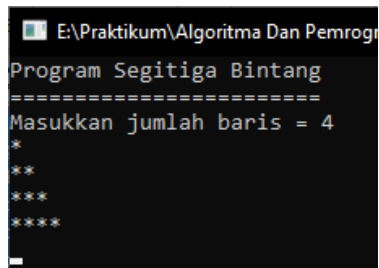
```
write('*');
```

```
writeln;
```

```
end;
```

```
readln;
```

```
end.
```

A screenshot of a terminal window with a black background and white text. The window title is "E:\Praktikum\Algoritma Dan Pemrog". The program output is as follows:

```
Program Segitiga Bintang
=====
Masukkan jumlah baris = 4
*
**
***
****
```

### 3. Tugas – Konversi Suhu

{Nama : Firman Abdul Zaelani}

{NPM : 18.14.1.0046}

{Nama : konversi\_suhu.pas}

```
program konversi_suhu;
```

```
uses crt;
```

```
var
```

```
c, f : real;
```

```
begin
```

```
CLRSCR;
```

```
writeln('Program Konversi Suhu Fahrenheit - Celcius');
```

```
writeln('=====');
```

```
write('Masukkan suhu dalam Fahrenheit = ');readln(f);
```

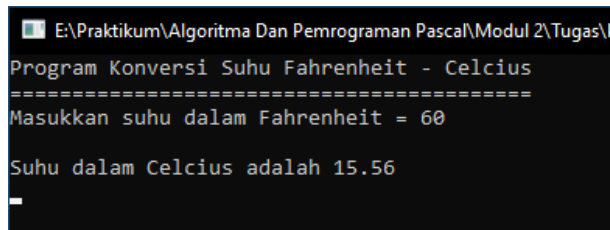
```
writeln;
```

```
c := (5/9) * (f - 32);
```

```
writeln('Suhu dalam Celcius adalah ',c:0:2);
```

```
readln;
```

```
end.
```



```
E:\Praktikum\Algoritma Dan Pemrograman Pascal\Modul 2\Tugas\
Program Konversi Suhu Fahrenheit - Celcius
=====
Masukkan suhu dalam Fahrenheit = 60
Suhu dalam Celcius adalah 15.56
-
```

#### 4. Tugas – Luas Persegi Panjang

{Nama : Firman Abdul Zaelani}

{NPM : 18.14.1.0046}

{Nama : luas\_Ppanjang.pas}

```
program luas_Ppanjang;
```

```
uses crt;
```

```
var
```

```
l, p : integer;
```

```
lu : integer;
```

```
begin
```

```
CLRSCR;
```

```
writeln('Menghitung Luas Persegi Panjang');
```

```
writeln('=====');
```

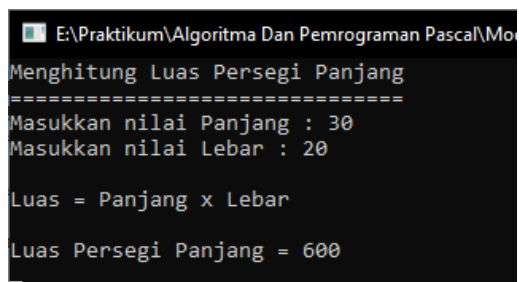
```
write('Masukkan nilai Panjang : ');readln(p);
```

```
write('Masukkan nilai Lebar : ');readln(l);
```

```
writeln;
```

```
lu := p*l;
```

```
writeln('Luas = Panjang x Lebar');  
writeln;  
writeln('Luas Persegi Panjang = ',lu);  
  
readln;  
  
end.
```



The screenshot shows a Pascal program running in a console window. The title bar indicates the file path is E:\Praktikum\Algoritma Dan Pemrograman Pascal\Mo. The program output is as follows:

```
Menghitung Luas Persegi Panjang  
=====  
Masukkan nilai Panjang : 30  
Masukkan nilai Lebar : 20  
  
Luas = Panjang x Lebar  
Luas Persegi Panjang = 600
```