

Nama : Muhamad Dendi Purwanto
NPM : 20.14.1.0001
Kelompok : 1 (Satu)

1. Latihan 1 – Pertukaran

```
{Nama      : Muhamad Dendi Purwanto }  
{NPM       : 20.14.1.0001      }  
{Nama Program : pertukaran.pas   }
```

```
Program pertukaran;  
uses crt;
```

```
var  
    A, B, C : integer;
```

```
begin  
    CLRSCR;  
    write('A = '); readln(A);  
    write('B = '); readln(B);
```

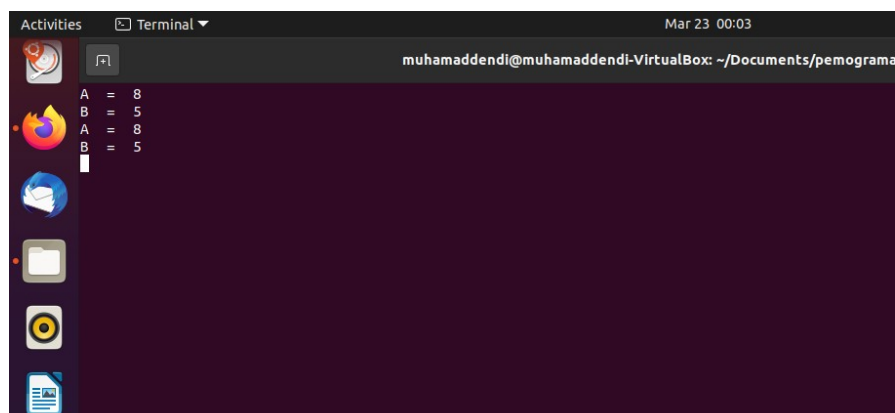
```
{proses pertukaran nilai A dan B}
```

```
    C := A; {simpan nilai A di tempat 'penampungan' sementara}  
    C := B; {A di ganti dengan B}  
    B := C; { masukan nilai A dari tempat penampungan ke B}
```

```
    writeln('A = ', A);  
    writeln('B = ', B);
```

```
readln;  
end.
```

Hasil Running



The screenshot shows a terminal window titled "Terminal" with a dark background. The prompt is "muhamaddendi@muhamaddendi-VirtualBox: ~/Documents/pemogramas". The program output is as follows:

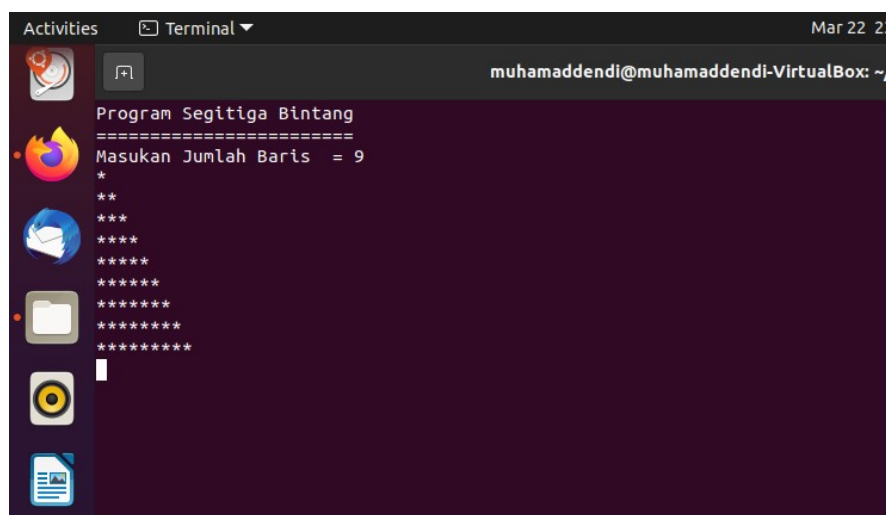
```
A = 8  
B = 5  
A = 8  
B = 5
```

2. Latihan 2 - Segitiga Bintang

```
{Nama      : Muhamad Dendi Purwanto }  
{NPM      : 20.14.1.0001      }  
{Nama Program : segitiga_bintang.pas }
```

```
program segitiga_bintang;  
uses crt;  
  
var  
i, j, n : integer;  
  
begin  
  CLRSCR;  
  writeln('Program Segitiga Bintang');  
  writeln('=====');  
  write('Masukan Jumlah Baris = '); readln(n);  
  
  for i := 1 to n do  
  begin  
    for j := 1 to i do  
      write('*');  
    writeln;  
  end;  
  
  readln;  
  
end.
```

Hasil Running



The screenshot shows a terminal window titled 'Terminal' with the user 'muhamaddendi@muhamaddendi-VirtualBox: ~/'. The program output is as follows:

```
Program Segitiga Bintang  
=====  
Masukan Jumlah Baris = 9  
*  
**  
***  
****  
*****  
*****  
*****  
*****  
*****  
*****
```