Latihan Modul 5

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Kelas : 1RLAL-A / Prak. Algoritma & Pemograman

II.3.2 Percobaan II-2: Operator pembanding

Script:

```
/* Percobaan II-2: Operator pembanding
 * percobaan202.cpp */
 #include <iostream>
 using namespace std;
 int main()
      int m = 5, n = 7;
      if(m == n)
            cout << m << " sama dengan " << n << endl;</pre>
      else if(m != n)
            cout << m << " tidak sama dengan " << n << endl;</pre>
      else if(m > n)
            cout << m << " lebih besar " << n << endl;</pre>
      else if(m < n)</pre>
            cout << m << " lebih kecil " << n << endl;</pre>
      return 0;
 }
```

Output:

```
C:\Users\THINKPAD\Documents\FARHAN\Prak. Algoritma\Modul 5\percob... — X

5 tidak sama dengan 7

Process exited after 0.01957 seconds with return value 0

Press any key to continue . . .
```

Script Penambahan Komentar:

```
/* Percobaan II-2: Operator pembanding
* percobaan202.cpp */
#include <iostream>
using namespace std;
int main()
     int m = 5, n = 7;
      if(m == n)
            cout << m << " sama dengan " << n << endl;</pre>
     //else if(m != n)
     // cout << m << " tidak sama dengan " << n << endl;</pre>
      else if (m > n)
            cout << m << " lebih besar " << n << endl;</pre>
      else if(m < n)</pre>
            cout << m << " lebih kecil " << n << endl;</pre>
      return 0;
}
```

*Perubahan pada highlighting kuning

Output Setelah Penambahan Komentar:

```
C:\Users\THINKPAD\Documents\FARHAN\Prak. Algoritma\Modul 5\aaaa... — X

5 lebih kecil 7

Process exited after 0.02149 seconds with return value 0

Press any key to continue . . .
```

Soal:

- 1. Farence and fengkondision else If (m !m n) toma dan nilai m tidak Sama dengan denan nilai n tom maka yang ditampilkan 15 tidak Sama dengan 7"
- 2. Karna m=5 lebih kecil dari to n=7 maka pengkondisian Else If (5 < n) Yang terpilih dang menghasilkan "5 lebih kecil dari 7"
- & toma more totale modern sodah drottale
- 3. Forna (si integer n dan m Sama Yaitu 5 fnaka Pengkondisian Yang terpilih (F(m==n) dan menghasilkan Output "5 sama dengen 5"
- 4. Forna m di ubah menjadi lo dan n menjadi P maka pengkondisian yang terpilih adalah else if (m >n) Yang menghasilkan oseput "lo lebah besar dari P"

II.3.3 Percobaan II-3: Operator bitwise

Script:

```
/* Percobaan II-2: Operator pembanding
  * percobaan203.cpp */
#include <iostream>

using namespace std;
int main()
{
   int m = 90;
   cout << m << " << 2 " << " = " << (m<<2) << endl;
   cout << m << " >> 1 " << " = " << (m>>1) << endl;
   cout << m << " >> 1 " << " = " << (m&n) << endl;
   cout << m << " & " << n << " = " << (m&n) << endl;
   cout << m << " i " << n << " = " << (m|n) << endl;
   return 0;
}</pre>
```

Output Error:



Script Penambahan Integer n:

```
/* Percobaan II-2: Operator pembanding
  * percobaan203.cpp */
#include <iostream>

using namespace std;
int main()
{
  int m = 90;
  int n = 10; //Varibel Baru
  cout << m << " << 2 " << " = " << (m<<2) << endl;
  cout << m << " >> 1 " << " = " << (m>>1) << endl;
  cout << m << " & " << n << " = " << (m&n) << endl;
  cout << m << " i " << n << " = " << (m\n) << endl;
  cout << m << " i " << n << " = " << (m\n) << endl;
  cout << m << " i " << n << " = " << (m\n) << endl;
  return 0;
}</pre>
```

^{*}Perubahan pada highlighting kuning

Output Setelah Ditambah Variable Integer n:

Soal:

II.3.4 Percobaan II-4: Operator logika

Script:

```
/* Percobaan II-4: Operator logika
* percobaan204.cpp */
#include <iostream>
using namespace std;
int main()
{
  int m = 90;
  cout << "(m >= 0) && (m <= 80) -->" << (m >= 0) && (m <= 80); endl;
  cout << "(m >= 0) || (m <= 80) -->" << (m >= 0) || (m <= 80); endl;
  return 0;
}</pre>
```

Output Error:

```
Compiler (3) Resources Compile Log Debug Signed Find Results Close

Line Col File Message

C:\Users\THINKPAD\Documents\FARHAN\Pr...

8 66 C:\Users\THINKPAD\Documents\FARHAN\Pr...

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C:\Users\THINKPAD\Documents\FARHAN\Pr...

C:\Users\THINKPAD\Documents\FARHAN\Pr...

[Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<<' [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<< [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<< [Error] invalid operands of types 'bool' and '<unresolved overloaded function type>' to binary 'operator<</td>
```

Script Penambahan () Pada Logika Operator :

```
/* Percobaan II-4: Operator logika
* percobaan204.cpp */
#include <iostream>
using namespace std;
int main()
{
  int m = 90;
  cout << "(m >= 0) && (m <= 80) -->" << ((m >= 0) && (m <= 80)) << endl;
  cout << "(m >= 0) || (m <= 80) -->" << ((m >= 0) || (m <= 80)) << endl;
  return 0;
}</pre>
```

*Perubahan pada highlighting kuning

Output Setelah Perubahan:

```
C:\Users\THINKPAD\Documents\FARHAN\Prak. Algoritma\Modul 5\percob... — 

(m >= 0) && (m <= 80) -->0

(m >= 0) || (m <= 80) -->1

Process exited after 0.02491 seconds with return value 0

Press any key to continue . . .
```

- 7. & 8 = Jika semua operand bernilai benar (True) knaka tondisi bernilai benar (True) de dengan output I dan Jika false output 0
 - Il = Jika Salah Satu dari operand berhilai benar (Thue)
 Maka Kondisi bernilai benar (True) dengan output 1
 dan Jika false output 0.
- 2 Error Farna Operator Sebelum Endl Yautu << terbaca
 Sebagai Operator Pengecekan bilangan boolean, saya men Coba
 memasukan tetatam tedalam turung Operator logika
 menjadi ((m7=0) & R(m <=80)) fada baris 8 dan
 ((m2>=0) 11(m < m80)) fada baris 9 dan Progman