TUGAS 2 PRAKTIKUM PEMOGRAMAN BERORIENTASI OBJEK

Nama : Rafli Pratama Ferdian

NIM : 1227050111

Kelas : C

1. Hello

```
Hallo...
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

2. TestGreting

```
 hi
 PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

3. Test 1

```
What's wrong with this program?
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

4. Test 2

```
What's wrong with this program?
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

5. Test 3

```
What's wrong with this program?
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

6. Assign

Tidak ada Output

7. DefValue

```
Default boolean: false
Default integer: 0
Default double: 0.0
Default long: 0
Default float: 0.0
Default byte: 0
Default char:
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

8. PassTest

```
Int value is: 11
22/7/1964
4/7/1964
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

9. Oktal

```
Octal six = 6
Octal seven = 7
Octal eight = 8
Octal nine = 9
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

10. CobaUnicode

```
a: a
b: b
c: c
kata: abc
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

11. PrimitifConversionAssignment

```
Nilai d: 10.0
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

12. PrimitifConversionAssignment2

```
Nilai d: 1
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

13. Primitive

```
Hasil = 3
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

14. AssignPrimitive

```
Hasil = 2
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

15. IncDec

```
Nilai sebelum increment-decrement
a = 1; b = 9
Nilai setelah increment-decrement
a = 2; b = 8
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

16. Complement

```
Hasil operasi~:-8
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

17. Class TestConversions

```
Implicit Widening conversions:
------------------------------
  byte to short:         -> 126
   short to int:         -> 126
    int to long:         -> 126
  long to float:         -> 126.0
float to double:         -> 126.0

Explicit Widening conversions:
------------------------------
cast byte to char:       -> ~
cast short to char:      -> ~

Explicit Narrowing conversions:
------------------------------
double to float:         -> 126.0
  float to long:         -> 126
    long to int:         -> 126
   int to short:         -> 126
  short to byte:         -> 126
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

18. ArithmeticOperator

```
Integer Division - results truncated:
-----------------
        10 / 3          = 3
        10 / -3         = -3
       -10 / 3          = -3

Floating-point Division by 0:
-----------------
        10.34 / 0       = Infinity
        -10.34 / 0      = -Infinity
        10.34 / -0      = Infinity
        0.0 / 0         = NaN
        0.0 / -0        - NaN

Modulo operations:
-----------------
        5 % 3   = 8
        -5 % 3          = -2
        5 % -3          = 2
        5.0 % 3         = 2.0
        5.0 % -3        = 2.0
        -5.0 % 3        = -2.0
        5.0 % 0         = NaN
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

19. Shift

```
x=7
x>>2=1
x<<1=14
x>>>1=3
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

20. Relational

```
Relational Operators:
---------------------------

                Less than: 5 < 6             true
             Less than or equal to: 5 <= 5           true
                Greater than 5 > 6           false
             Greater than or equal to: 5 >= 5         true

                Less than: -0.0 < 0.0                false
             Less than or equal to: -0.0 <= 0.0              true
                Greater than: 5 > NaN                false
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

21. Equality

```
Equality operators:
       Not Equal: 5 != 5.0             false
       [different array objects]
       [ref to same array object]
       Not Equal: arr1 != arr2         true
       Not Equal: arr1 != arr3         false
       [same literal]
       [same object reference]
       [new object]

Equals:
       Equals: 5 == 5.0                true
       Equals: arr1 == arr2     false
       Equals: arr1 == arr3     true
       Equals: s1 == s2                true
       Equals: s1 == s3                true
       Equals: s1 == s4                false
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

22. Bitwise

```
x = 5
y = 6
x & y = 4
x | y = 7
x ^ y = 3
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

23. TestLogical

```
Logical Operators:
------------------

        true && true =         true
        true && false =        false
        false && false =       false
        true || true =         true
        false || false =       false
        true ^ false =         true
        true ^ true =  false
        true | false =         true

        false || true =        true
        true && false =        false
        true || true =         true
        false || false =       false
        false && true =        false
        true && true =         true
        false ^ false =        false
        true ^ false =         true
        false ^ true =         true
        true | false =         true
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

24. Conditional

```
x = 0
x = 7
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```

25. ConditionalOp

```
Anda lulus? false
PS C:\Users\rafli\OneDrive\Desktop\KULIAH RAFLI\Semester 4\PRAK Pemograman Berorientasi Objek\Tugas pert 2>
```