MODUL 8

POLYMORPHISM

PRAKTIKUM PEMROGRAMAN BERORIENTASI OBJEK

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NIM : L200180066

Kelas: B

❖ 8.1.1. Overriding

> Program 1. Superclass yang akan diterapkan konsep overriding

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➤ Program 2. Penerapan overriding pada subclass

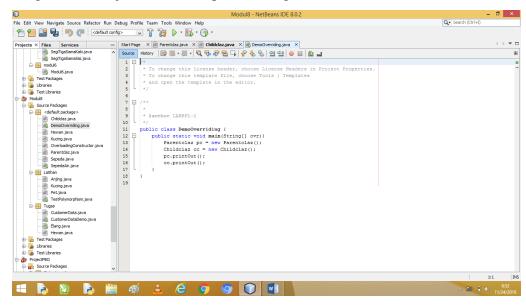
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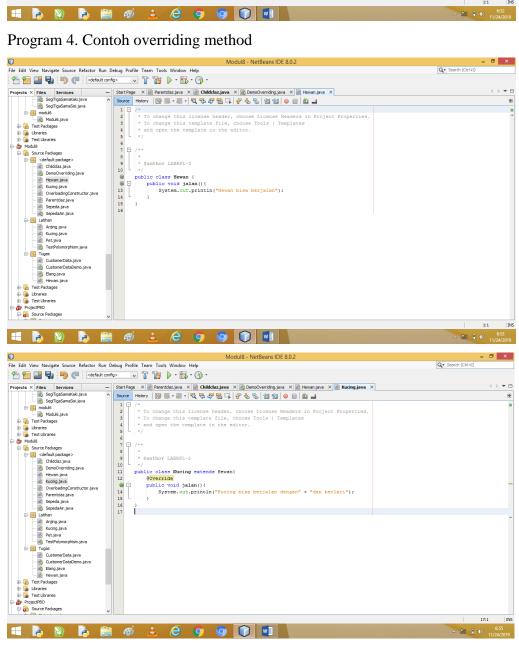
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Program 3. Menjalankan konsep overriding

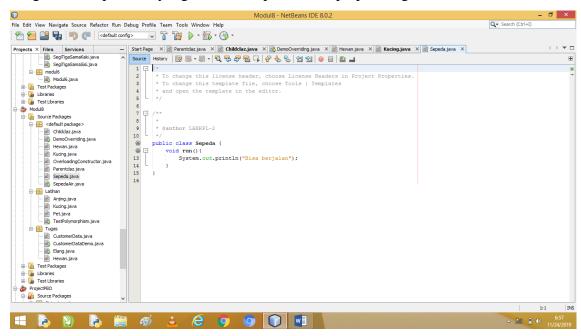


Program 4. Contoh overriding method

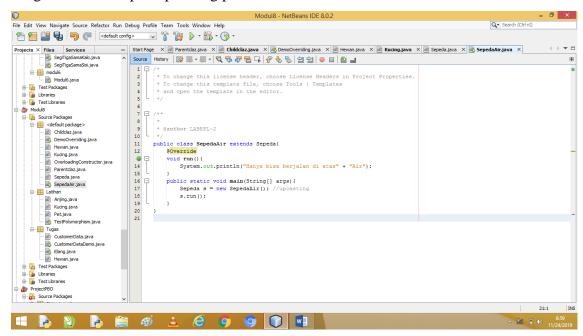


❖ 8.1.2 Upcasting

> Program 5. Superclass yang akan diterapkan konsep upcasting

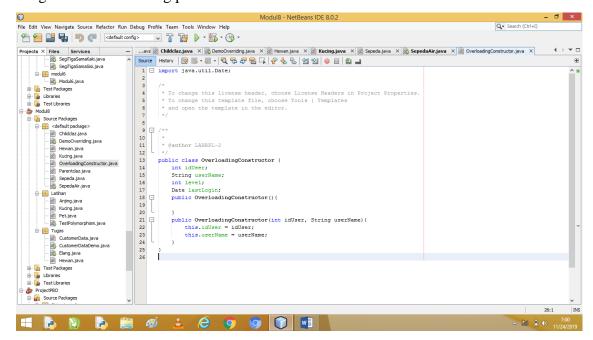


> Program 6. Penerapan upcasting pada subclass



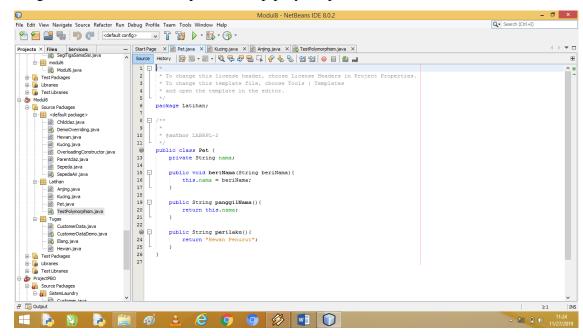
❖ 8.1.3 Overloading

➤ Program 7. Overloading pada constructor



❖ 8.2 LATIHAN

> Program 8. Latihan menerapkan konsep polymorphism



- 1. Membuat class Kucing dan Anjing dimana kedua class tersebut melakukan overriding terhadap method perilaku() dan menambahkan satu method pada masing-masing class yang secara khusus hanya berlaku pada masing-masing class tersebut.
 - ➤ Class Kucing

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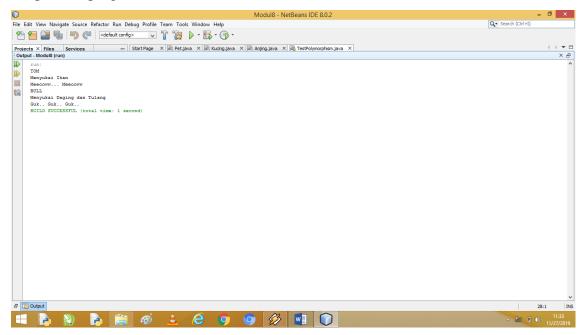
Class Anjing

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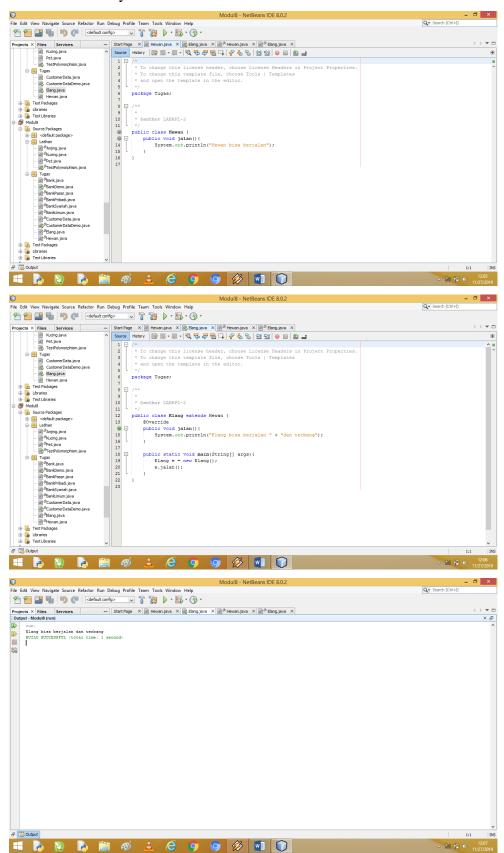
2. Membuat class TestPolymorphism

> Output dari program diatas:



❖ 8.3 TUGAS

 Membuat class Elang yang memilki method jalan() namun implementasinya berbeda dari kedua class lainnya.

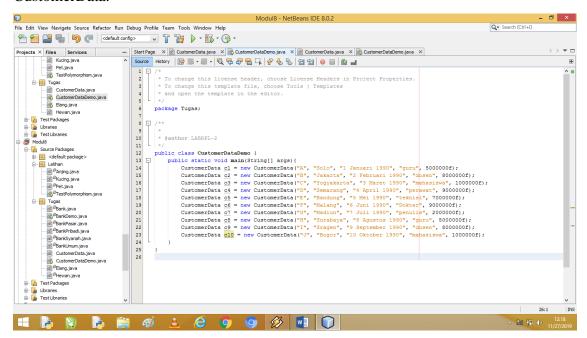


 Membuat class baru dengan nama CustomerData, menambahkan variable nama, alamat, tanggal lahir, pekerjaan, dan gaji. Selanjutnya membuat overloading constructor dari class tersebut.

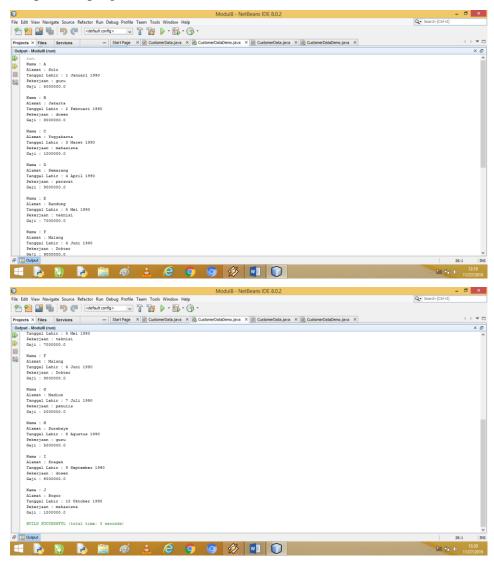
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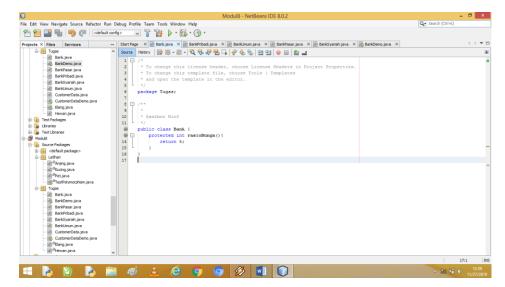
3) Membuat class baru dengan method main() yang disertai 10 object customer dari class CustomerData.



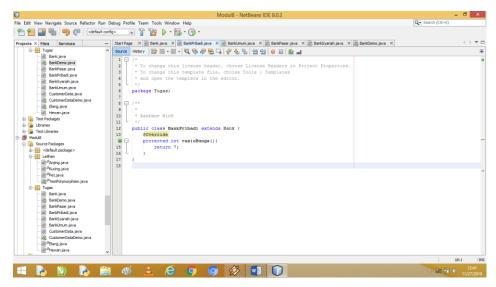
➤ Output dari program diatas:



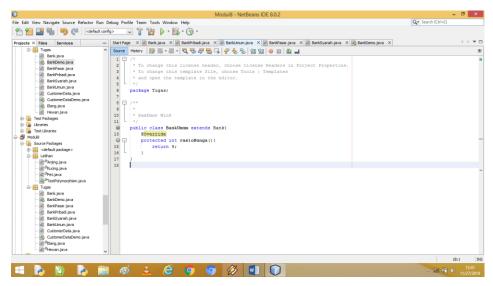
- 4) Membuat class berdasarkan diagram UML. Menerapkan teknik polymorphism dan menampilkan hasil output program.
 - ➤ Class Bank



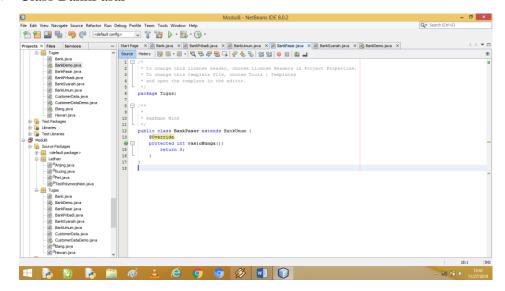
➤ Class BankPribadi



➤ Class BankUmum



➤ Class BankPasar



➤ Class BankSyariah

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Class BankDemo (main class)

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➤ Output:

