

MODUL 9

ABSTRACT CLASS

PRAKTIKUM PEMROGRAMAN BERORIENTASI OBJEK

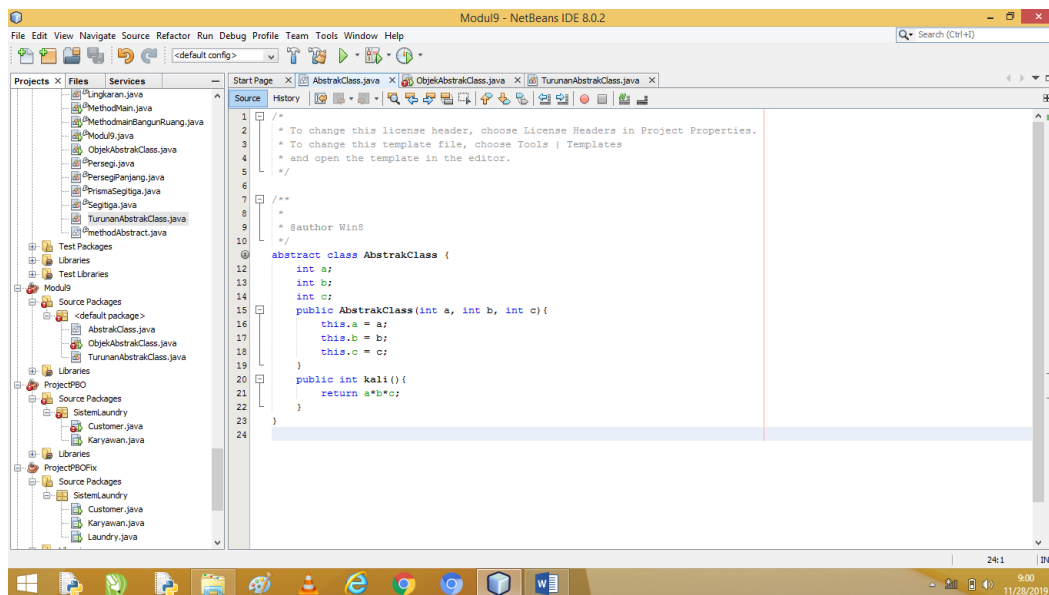
Nama : Annisa Nugraheni

NIM : L200180066

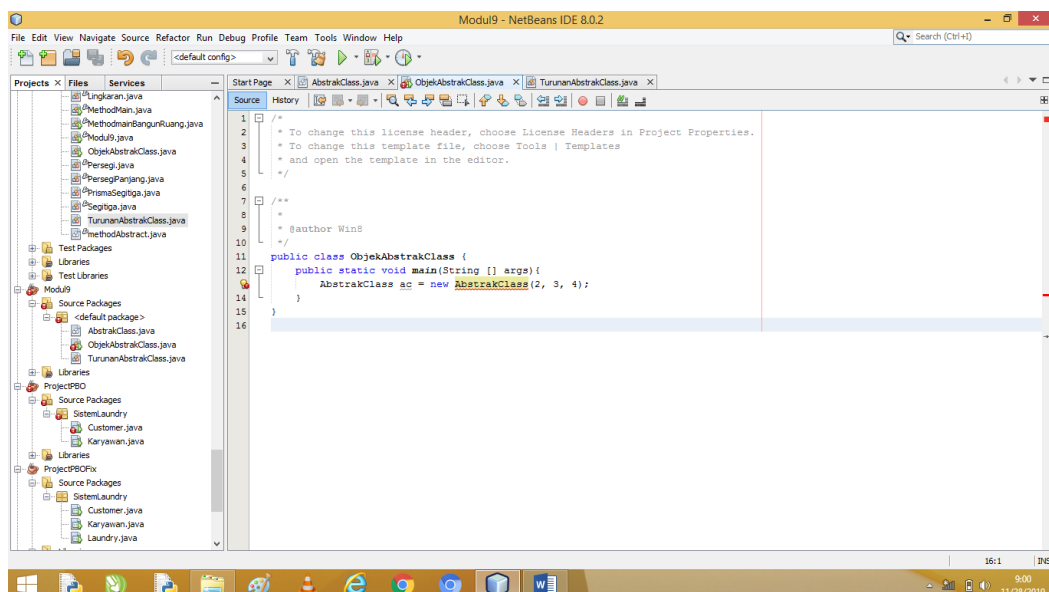
Kelas : B

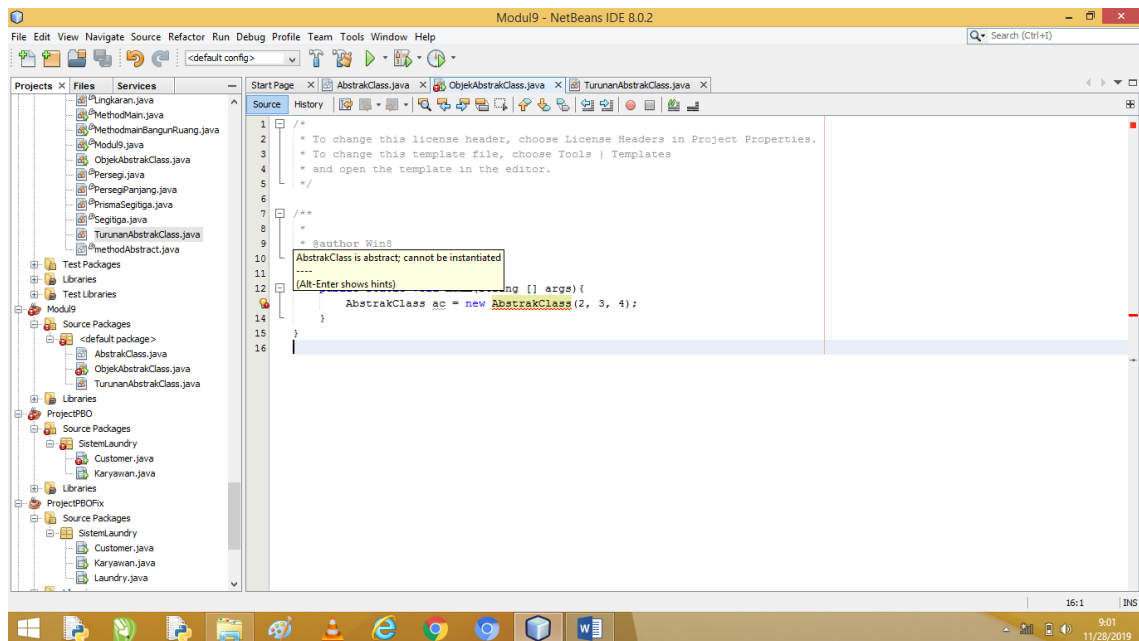
❖ 9.1 OBJECT CLASS ABSTRACT

➤ Program 1. Contoh class abstract



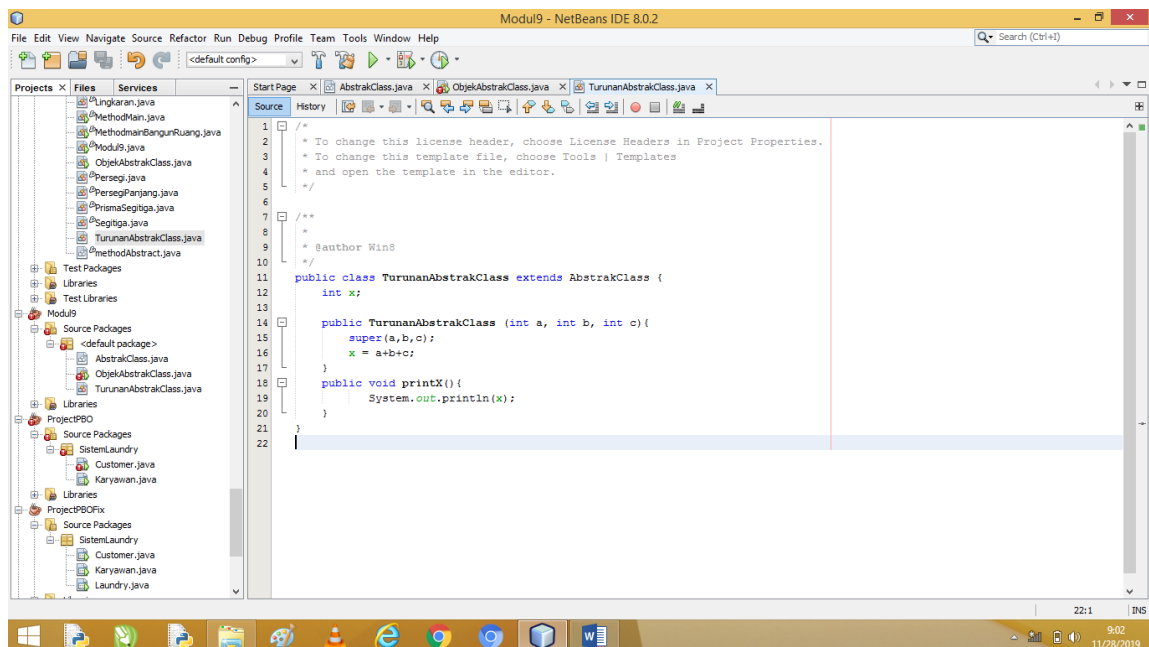
➤ Program 2. Class abstract tidak dapat dibuat objectnya



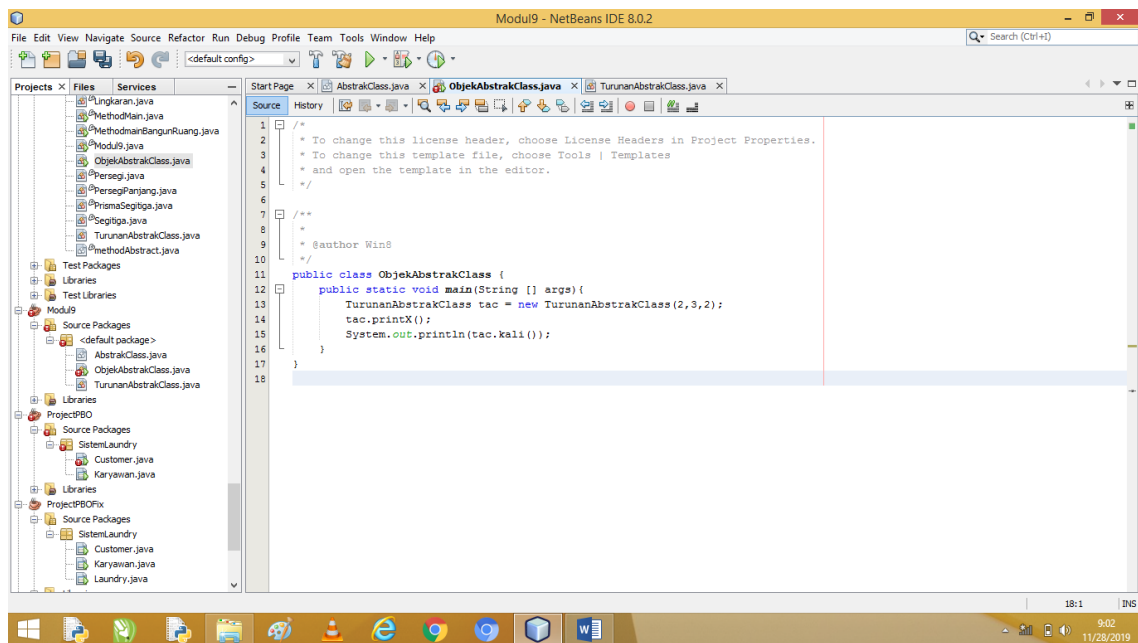


Jika kita menjalankan kode Program 2, maka bisa dipastikan terjadi kesalahan (error). Error muncul disebabkan karena ada pembuatan objek dari class AbstractClass. Sehingga untuk menggunakan class abstract agar bisa diimplementasikan kita perlu membuat kode program yang merupakan turunan dari class abstract tersebut.

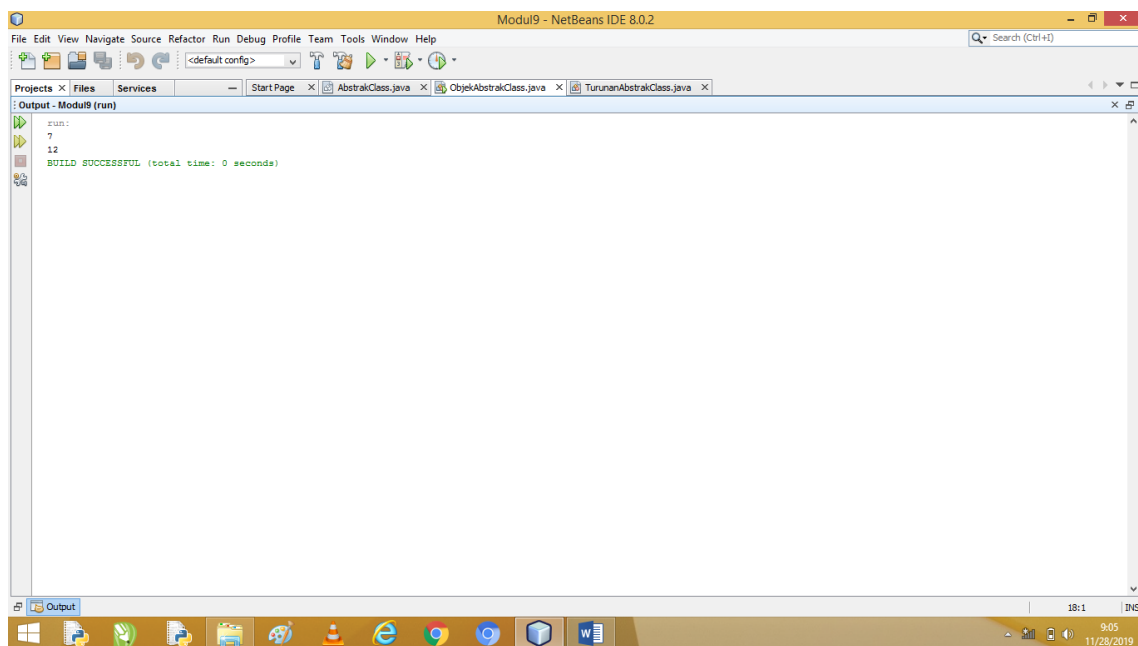
➤ Program 3. Implementasi class abstract melalui subclass



➤ Program 4. Penggunaan properties class abstract melalui object subclass

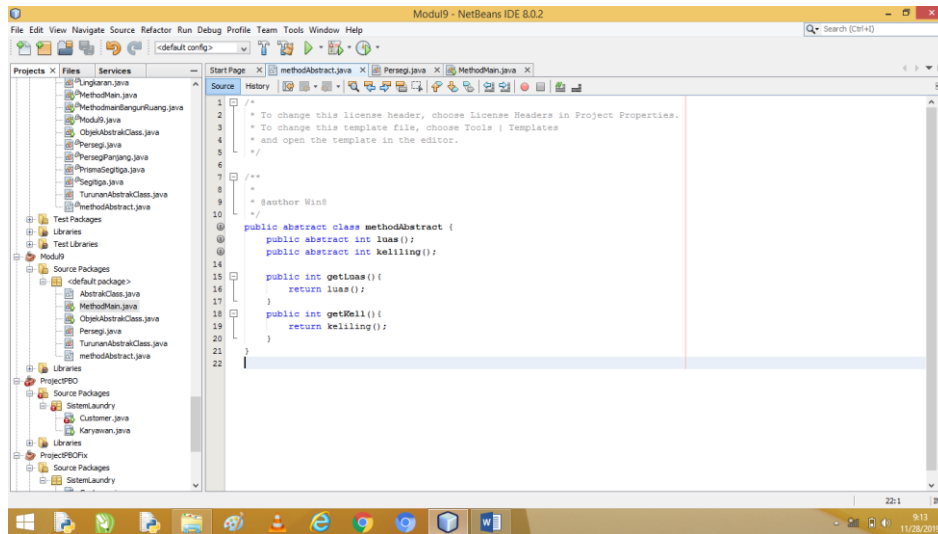


Output:

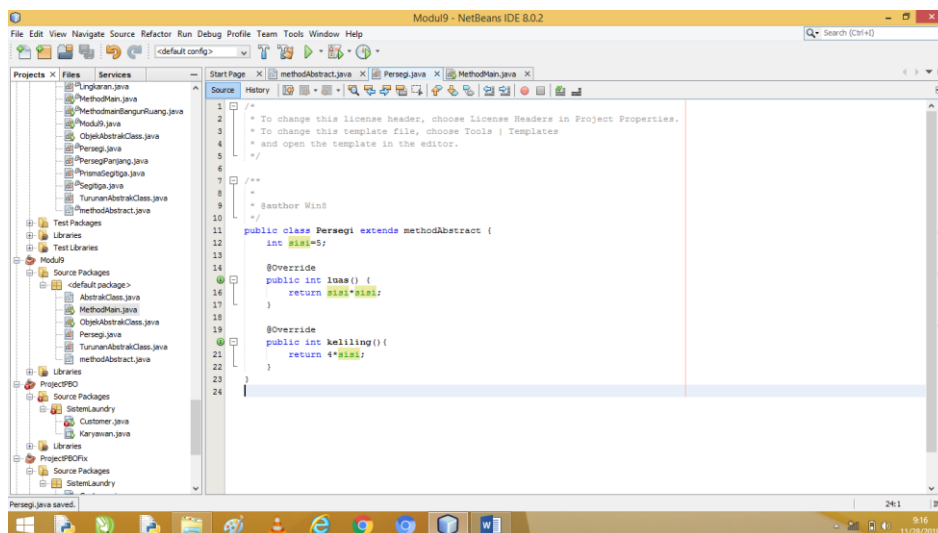


❖ 9.2 METHOD ABSTRACT

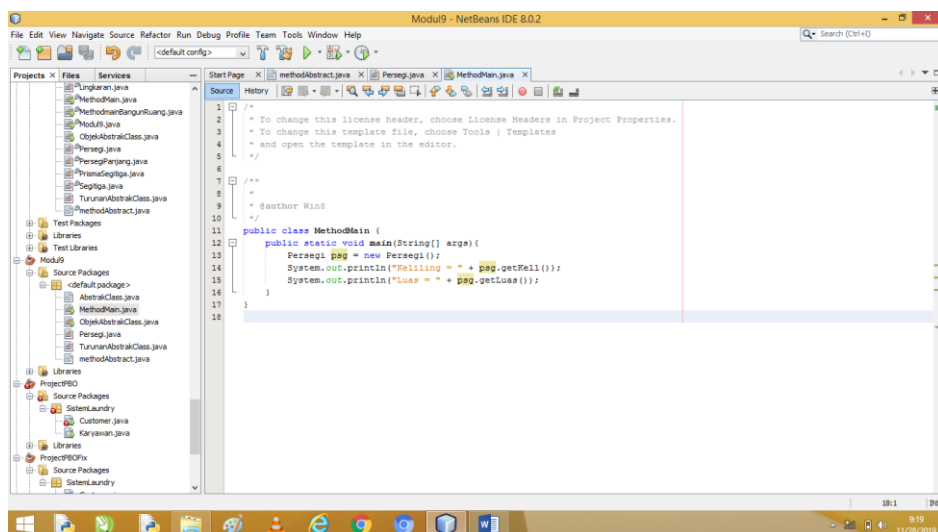
➤ Program 5. Class yang mengandung method abstract



➤ Program 6. Implementasi method abstract oleh subclass

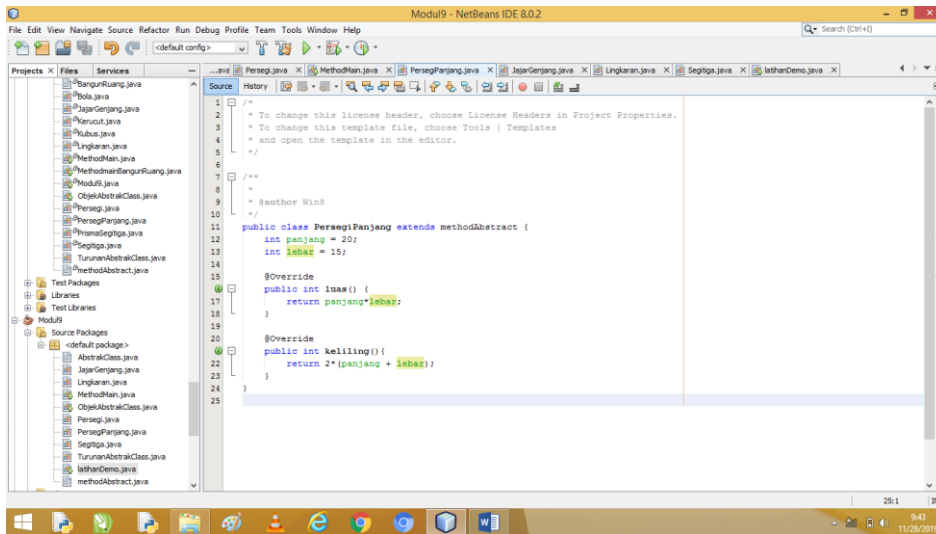


➤ Program 7. Penggunaan properties method abstract melalui object subclass

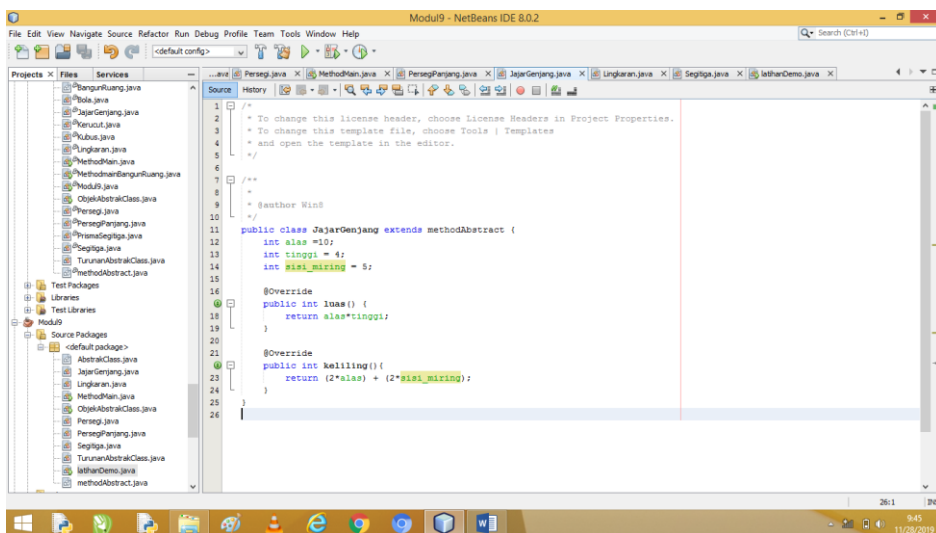


❖ 9.3 LATIHAN

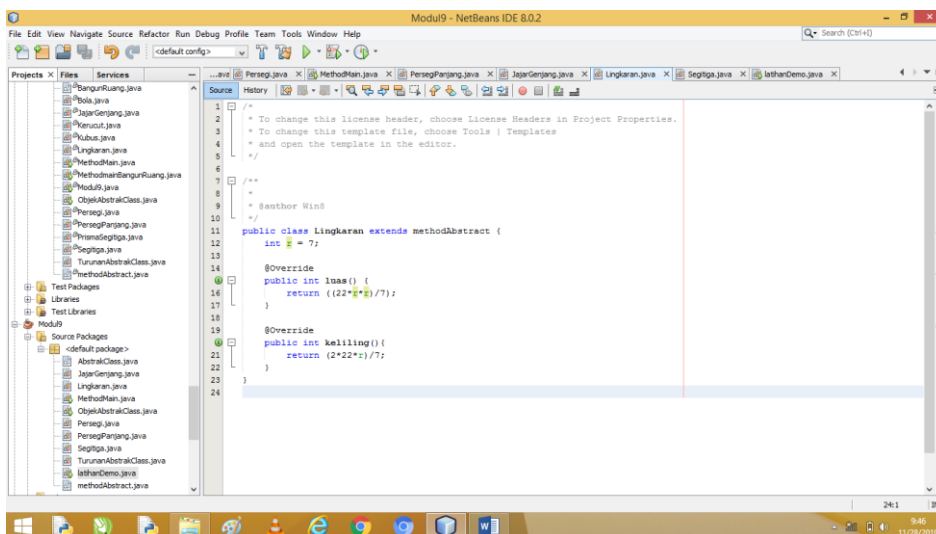
➤ Class PersegiPanjang



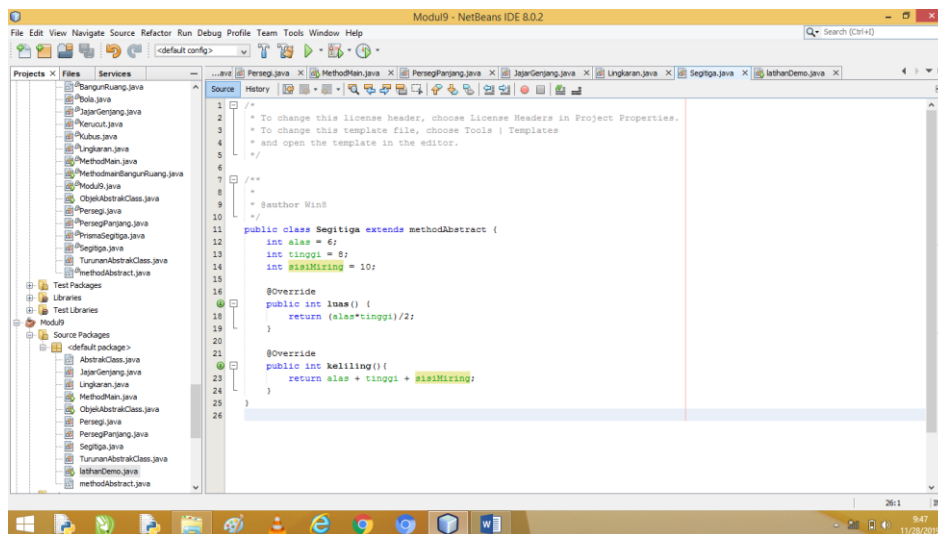
➤ Class JajarGenjang



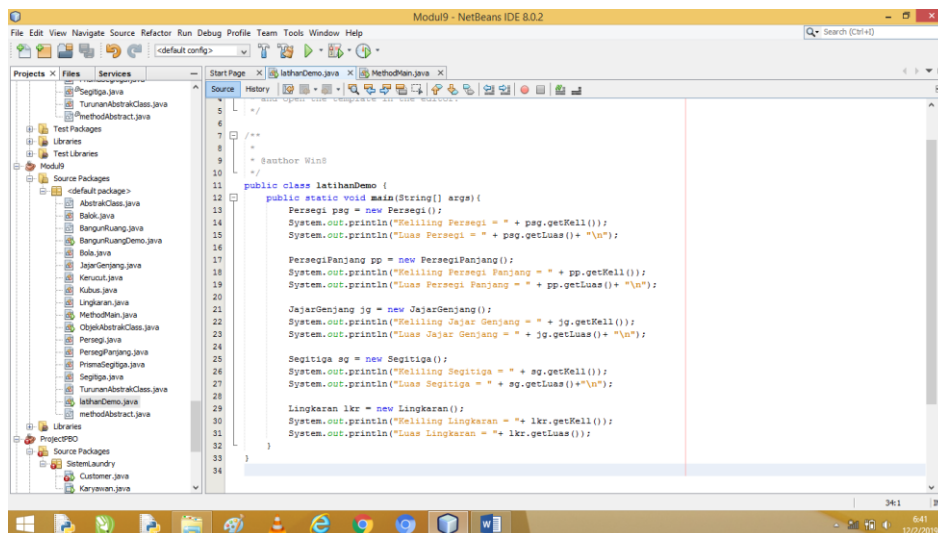
➤ Class Lingkaran



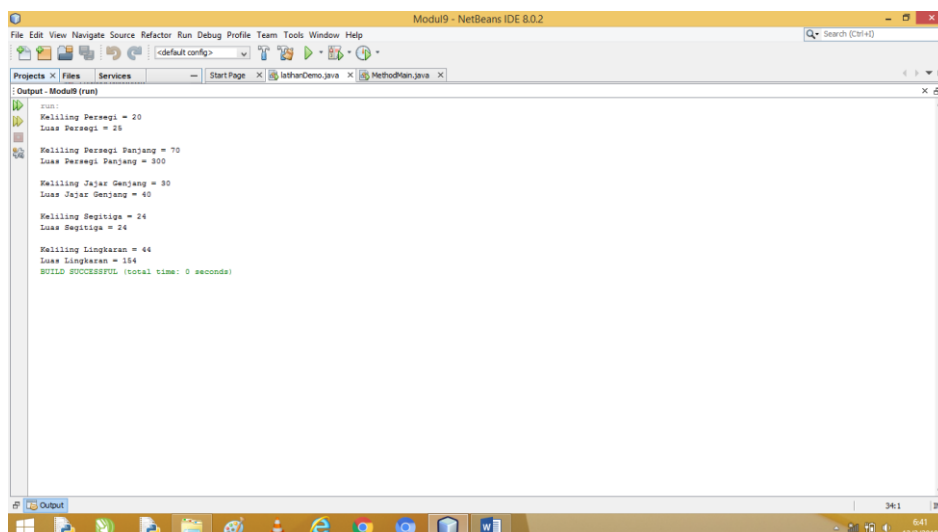
➤ Class Segitiga



➤ Class latihanDemo (main class)

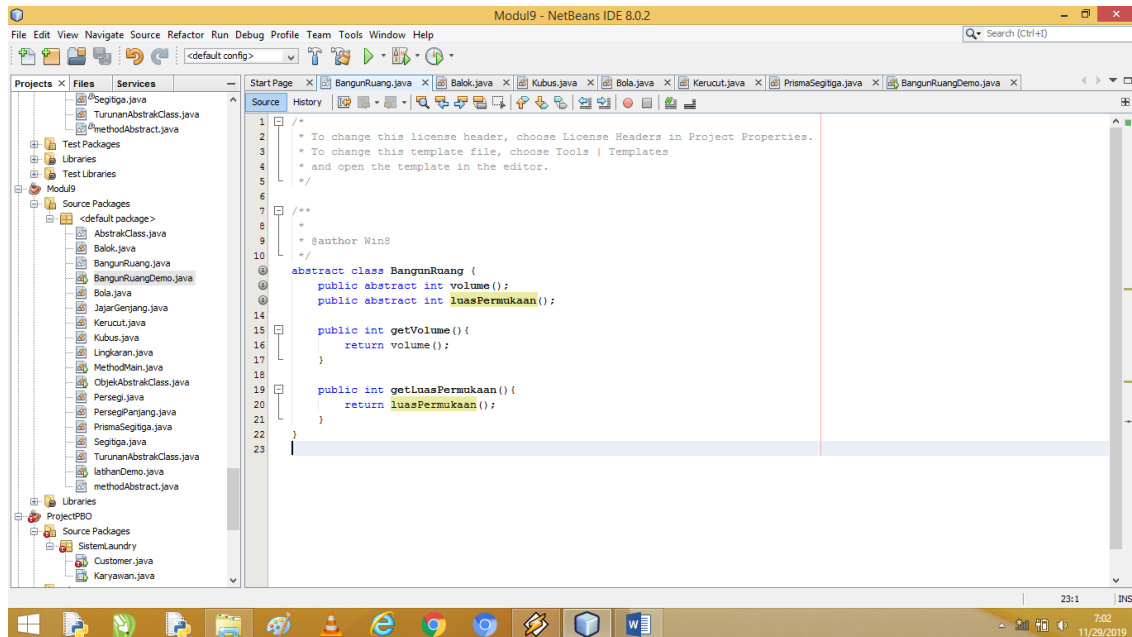


➤ Output:

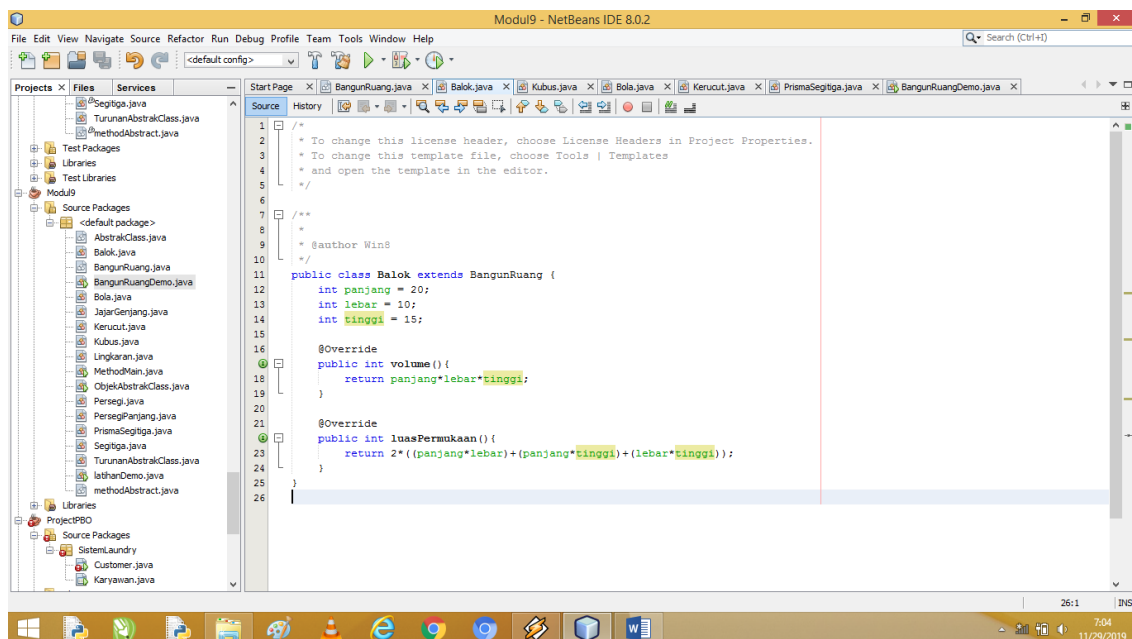


❖ 9.4 TUGAS

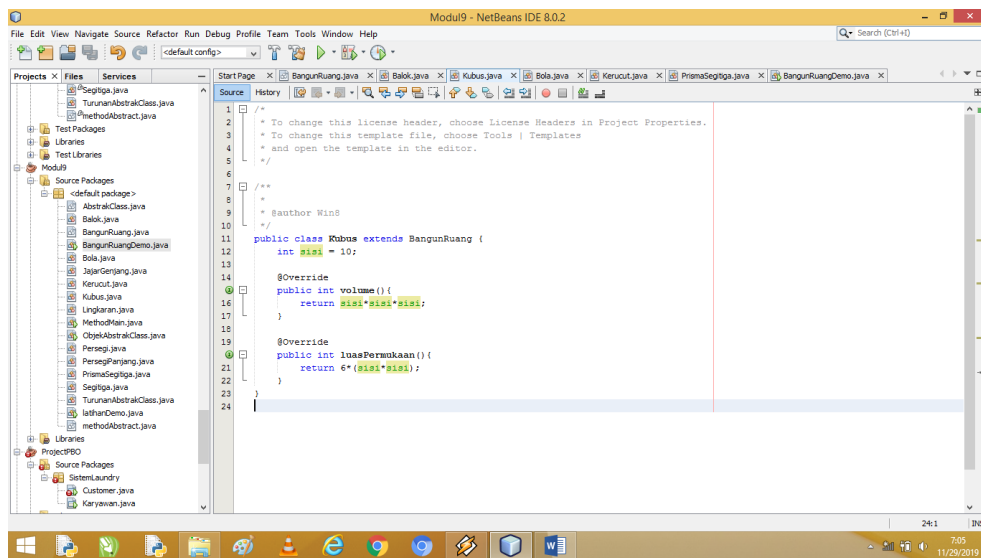
➤ Class BangunRuang (Abstract Class)



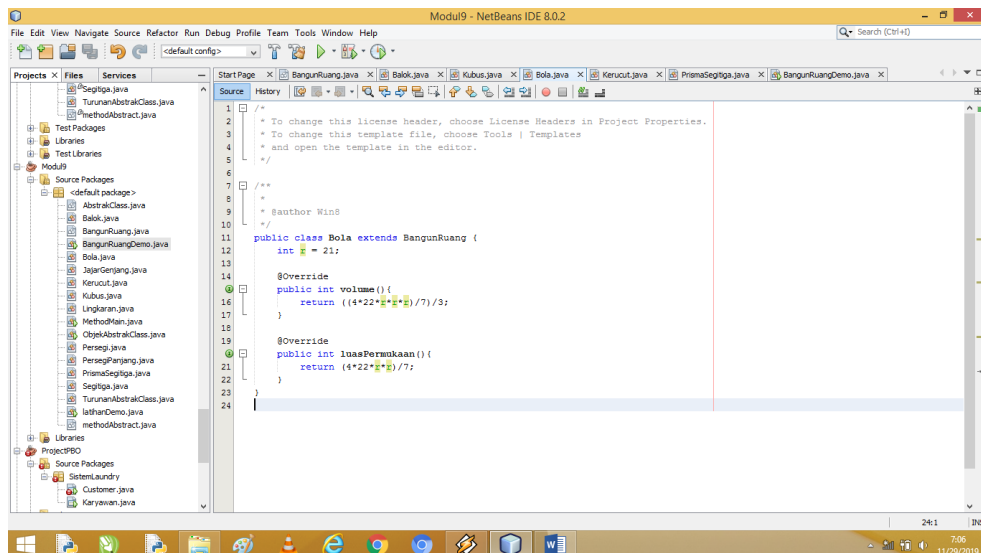
➤ Class Balok



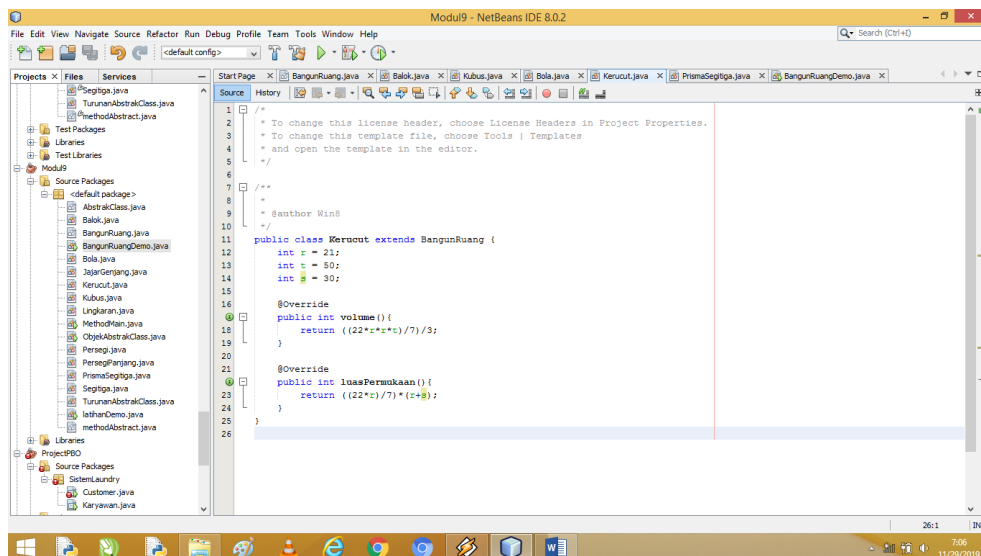
➤ Class Kubus



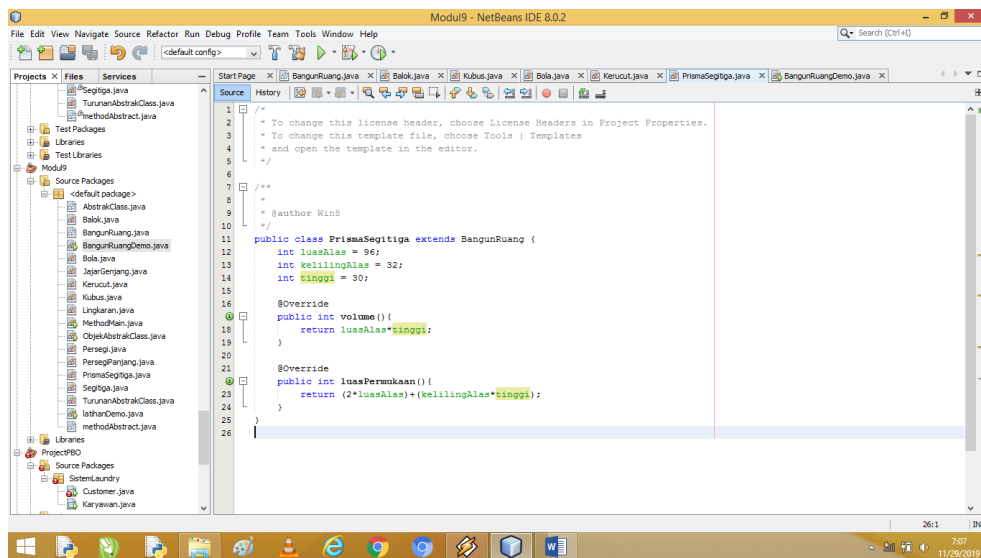
➤ Class Bola



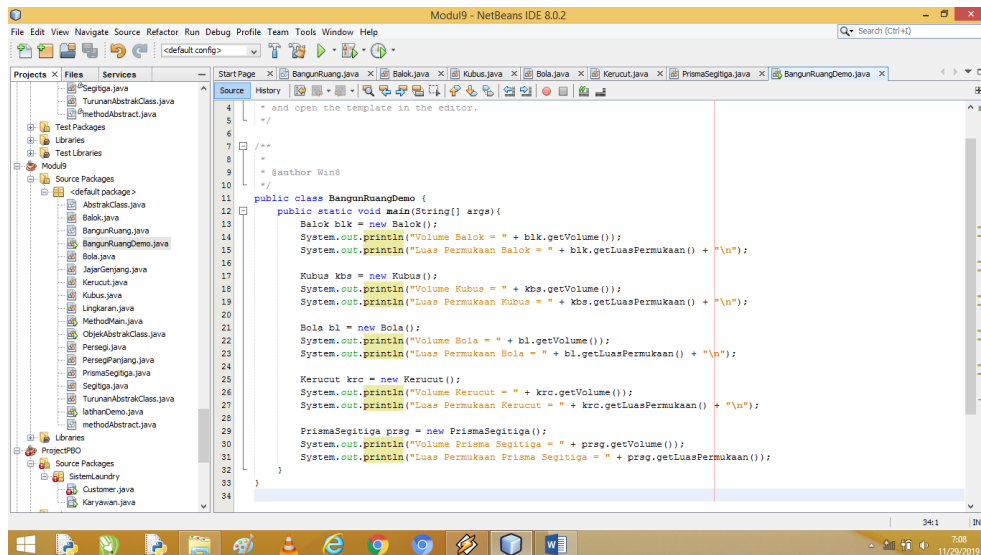
➤ Class Kerucut



➤ Class PrismaSegitiga



➤ Class BangunRuangDemo (Main Class)



➤ Output:

