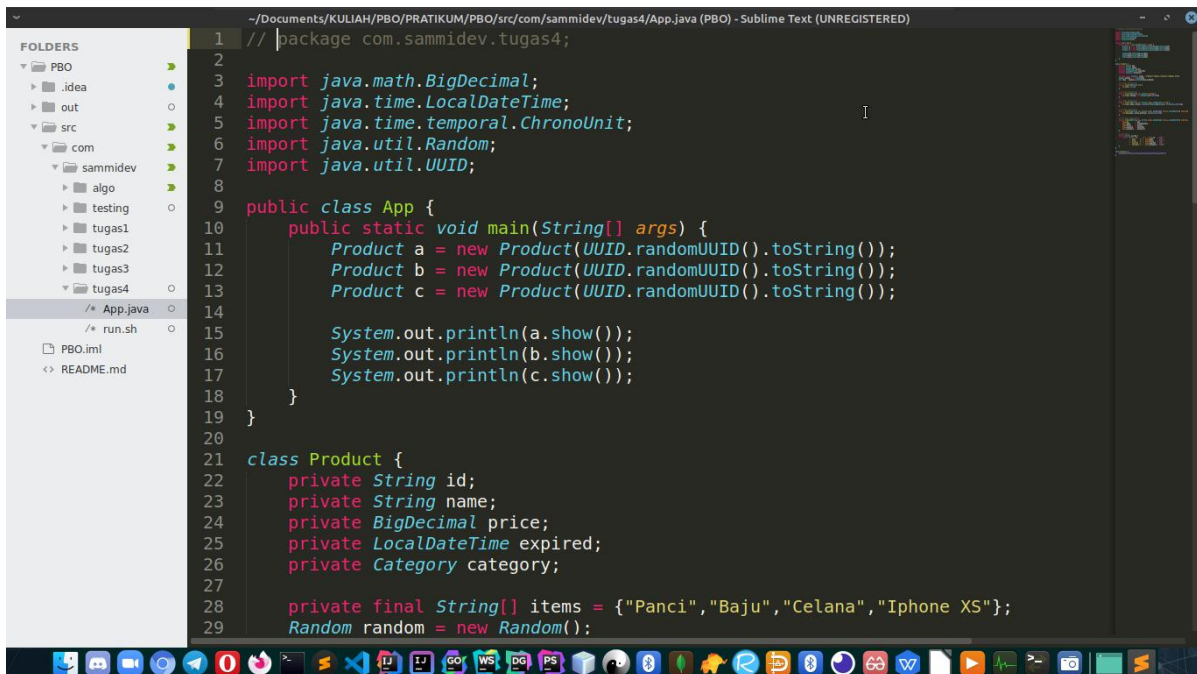```
Nama            : Sammi Aldhi Yanto
NIM             : 2003113948
Jurusan/Prodi/Kelas : Ilmu Komputer/Sistem Informasi/A
Mata Kuliah     : Pemrograman Berorientasi Objek
Dosen Pengampu  : Al Aminuddin, ST, MSc
Tugas           : 4
```

Source code tugas:

https://github.com/SemmiDev/PBO/blob/master/src/com/sammidev/tugas4/App.java

```java
27
28      private final String[] items = {"Panci","Baju","Celana","Iphone XS"};
29      Random random = new Random();
30      int rand = random.nextInt(items.length);
31
32      // 1 args constrcutor
33      public Product(String id) {
34          this(id, null);
35      }
36
37      // 2 args constrcutor
38      public Product(String id, String barang) {
39          this(id, barang, new BigDecimal(5000000));
40      }
41
42      // 3 args constrcutor
43      public Product(String id, String name, BigDecimal price) {
44          this(id, name, price, LocalDateTime.now().plus(3, ChronoUnit.WEEKS));
45      }
46
47      // 4 args constrcutor
48      public Product(String id, String name, BigDecimal price, LocalDateTime expired)
49          this(id,name, price,expired, Category.DAPUR);
50      }
51
52      // all args constrcutor
53      public Product(String id, String name, BigDecimal price, LocalDateTime expired,
54          this.id        = id;
55          this.name      = items[rand];
```

```java
52      // all args constrcutor
53      public Product(String id, String name, BigDecimal price, LocalDateTime expired,
54          this.id        = id;
55          this.name      = items[rand];
56          this.price     = price;
57          this.expired   = expired;
58          this.category  = category;
59      }
60
61      // show data
62      public String show() {
63          return "\n\n  id       = " + this.id   + "\n" +
64                 "  name     = " + this.name     + "\n" +
65                 "  price    = " + this.price    + "\n" +
66                 "  expired  = " + this.expired  + "\n" +
67                 "  cateogry = " + this.category + "\n";
68      }
69  }
70
71  enum Category {
72      DAPUR,ELEKTRONIK,FASHION,KESEHATAN,KECANTIKAN,OTOMOTIF
73  }
```

**Hasil:**

```
sammidev - sam@KotlinFan:~/Documents/KULIAH/PBO/PRATIKUM/PBO/src/com/sammidev/tugas4

  id        = 00477128-9088-4957-a65b-ff0ad2605098
  name      = Panci
  price     = 5000000
  expired   = 2021-04-05T12:23:28.123935196
  cateogry  = DAPUR


  id        = 697de8f4-4e82-420e-a808-701d4552fade
  name      = Iphone XS
  price     = 5000000
  expired   = 2021-04-05T12:23:28.126547395
  cateogry  = DAPUR


  id        = 22513214-5f5e-4437-b929-5c5899ec0707
  name      = Iphone XS
  price     = 5000000
  expired   = 2021-04-05T12:23:28.126791362
  cateogry  = DAPUR

→  tugas4 git:(master) ✗
```