# Tugas Pemrograman Berbasis Objek
# VClass 7

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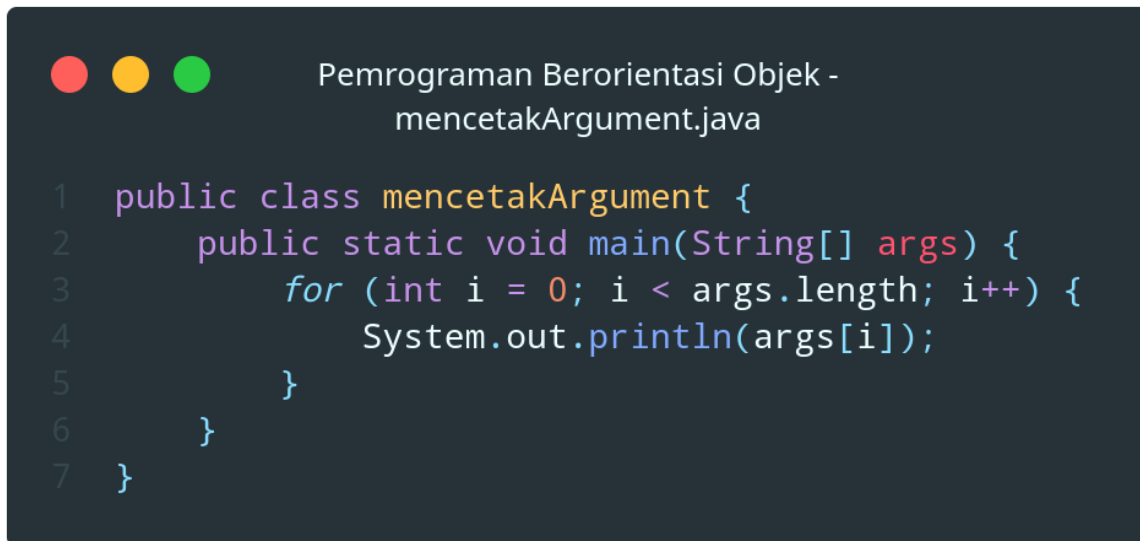
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Kelas   :   3KA88
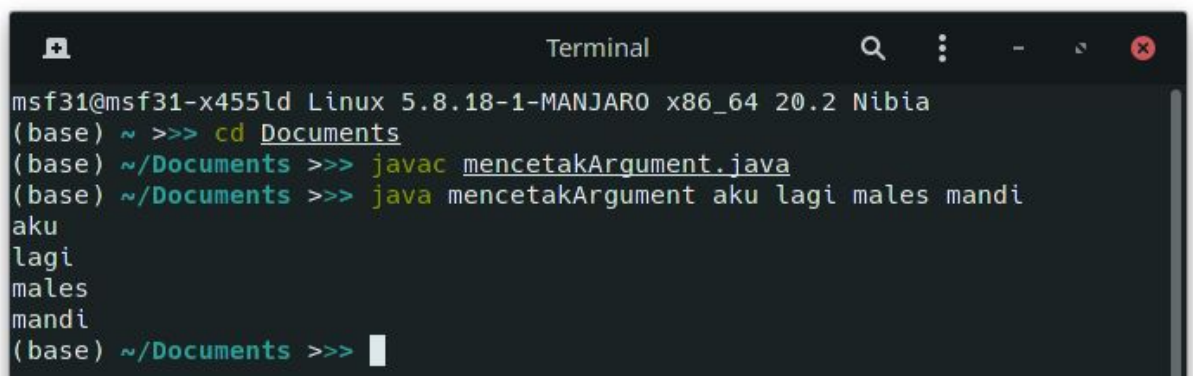
## Command Line

### Mencetak Argument

- Screenshot Code



```
Pemrograman Berorientasi Objek -
mencetakArgument.java

1  public class mencetakArgument {
2      public static void main(String[] args) {
3          for (int i = 0; i < args.length; i++) {
4              System.out.println(args[i]);
5          }
6      }
7  }
```

- Screenshot Terminal



```
msf31@msf31-x455ld Linux 5.8.18-1-MANJARO x86_64 20.2 Nibia
(base) ~ >>> cd Documents
(base) ~/Documents >>> javac mencetakArgument.java
(base) ~/Documents >>> java mencetakArgument aku lagi males mandi
aku
lagi
males
mandi
(base) ~/Documents >>> 
```

**Operasi Aritmatik**

- Screenshot Code

```
Pemrograman Berorientasi Objek - operasiAritmatik.java

1   public class operasiAritmatik {
2       public static void main(String[] args) {
3           int bil0 = Integer.parseInt(args[0]);
4           int bil1 = Integer.parseInt(args[1]);
5           System.out.println("Sum        = " + (bil0 + bil1));
6           System.out.println("difference = " + (bil0 - bil1));
7           System.out.println("product    = " + (bil0 * bil1));
8           System.out.println("quotient   = " + (bil0 / bil1));
9       }
10  }
```

- Screenshot Terminal

```
Terminal

msf31@msf31-x455ld Linux 5.8.18-1-MANJARO x86_64 20.2 Nibia
(base) ~ >>> cd Documents
(base) ~/Documents >>> javac operasiAritmatik.java
(base) ~/Documents >>> java operasiAritmatik 9 3
Sum        = 12
difference = 6
product    = 27
quotient   = 3
(base) ~/Documents >>>
```
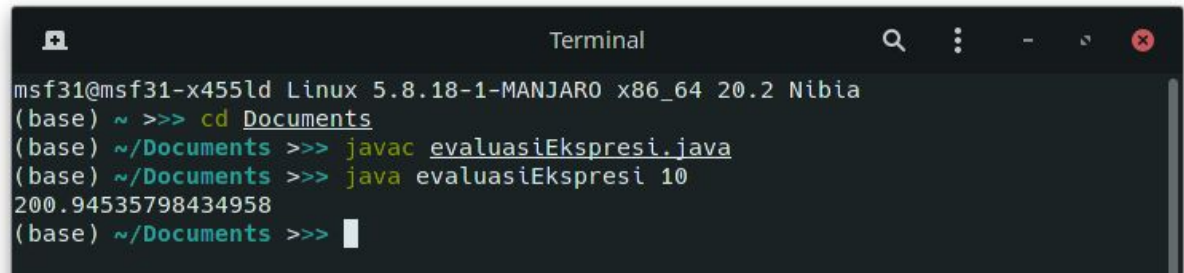
# Java Package

## Evaluasi Ekspresi

- Screenshot Code

```
Pemrograman Berorientasi Objek - evaluasiEkspresi.java

1   import java.lang.*;
2
3   public class evaluasiEkspresi {
4       public static void main(String[] args) {
5           Double a = Double.valueOf(args[0]);
6           Double hasil = Math.pow(a, 2) * Math.cos(45) + Math.sqrt(Math.exp(a));
7           System.out.println(hasil);
8       }
9   }
```
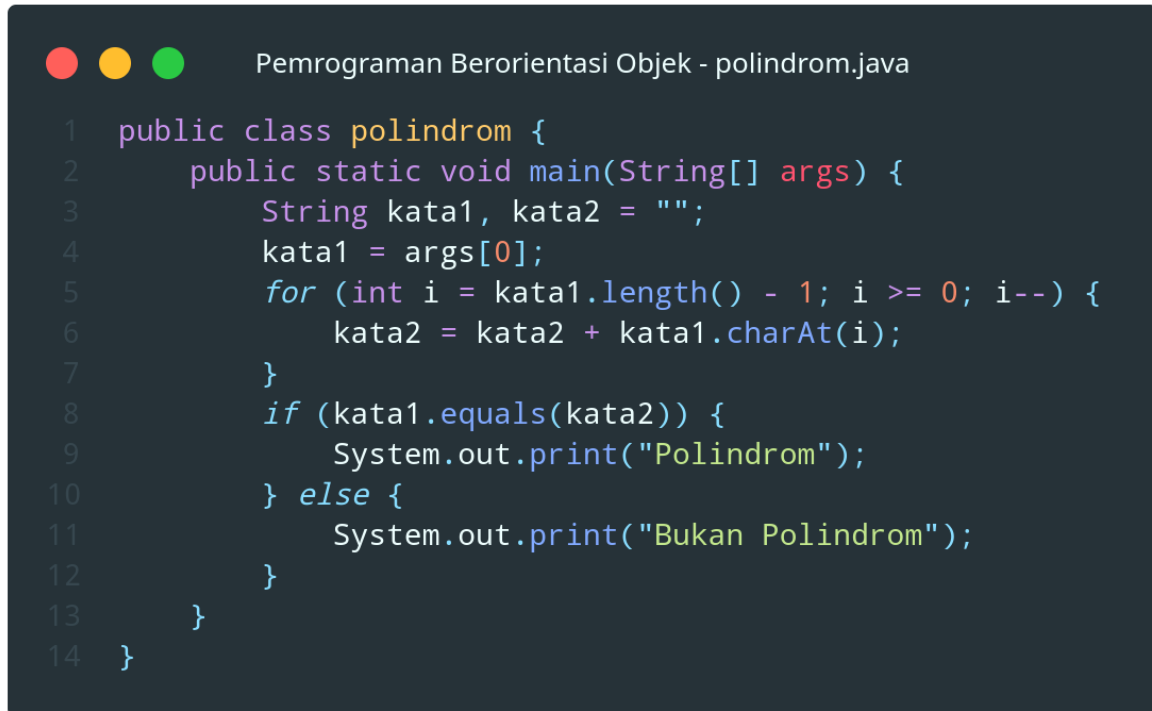
- Screenshot Terminal



```
msf31@msf31-x455ld Linux 5.8.18-1-MANJARO x86_64 20.2 Nibia
(base) ~ >>> cd Documents
(base) ~/Documents >>> javac evaluasiEkspresi.java
(base) ~/Documents >>> java evaluasiEkspresi 10
200.94535798434958
(base) ~/Documents >>>
```
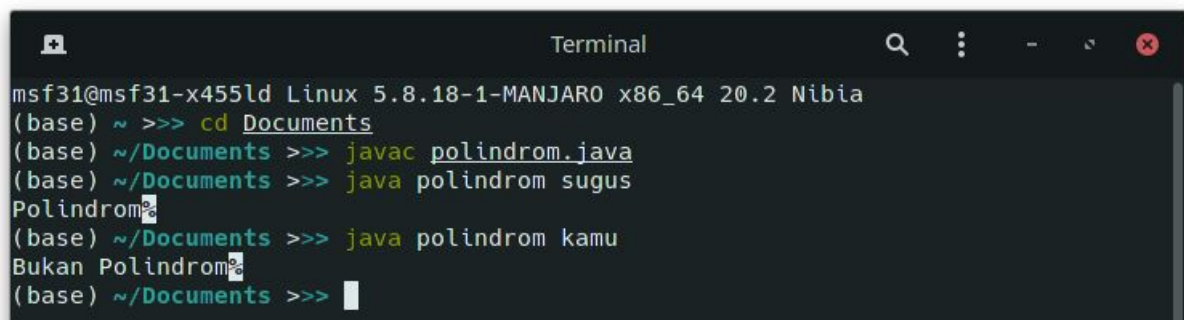
## Palindrom

- Screenshot Code



```java
public class polindrom {
    public static void main(String[] args) {
        String kata1, kata2 = "";
        kata1 = args[0];
        for (int i = kata1.length() - 1; i >= 0; i--) {
            kata2 = kata2 + kata1.charAt(i);
        }
        if (kata1.equals(kata2)) {
            System.out.print("Polindrom");
        } else {
            System.out.print("Bukan Polindrom");
        }
    }
}
```
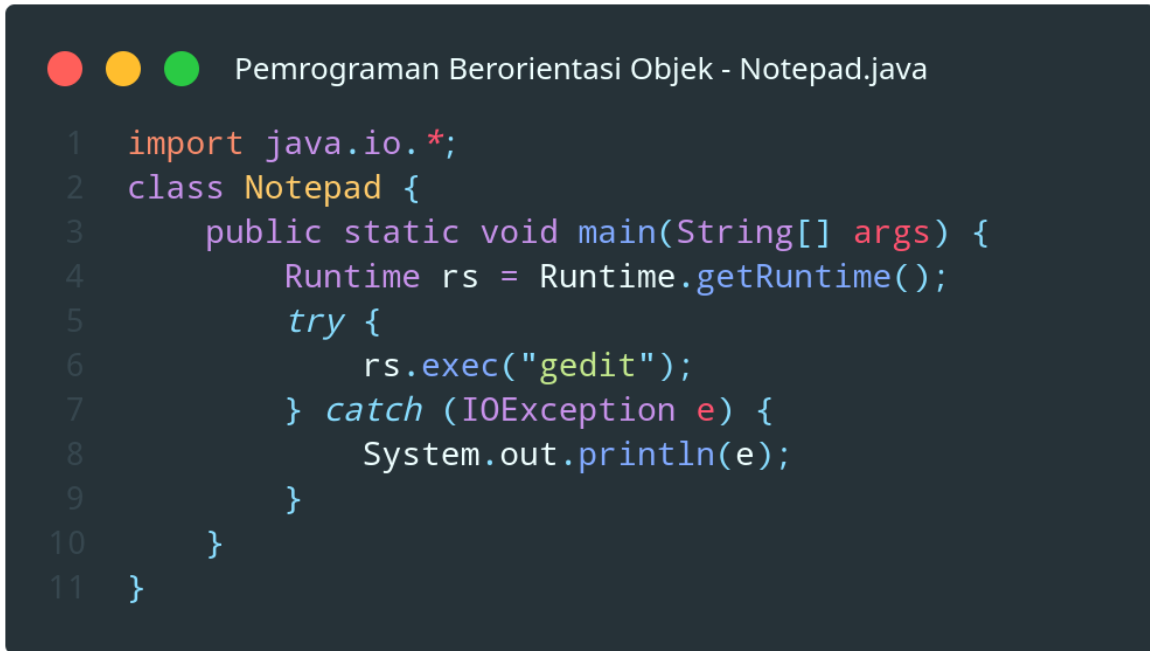
- Screenshot Terminal



```
msf31@msf31-x455ld Linux 5.8.18-1-MANJARO x86_64 20.2 Nibia
(base) ~ >>> cd Documents
(base) ~/Documents >>> javac polindrom.java
(base) ~/Documents >>> java polindrom sugus
Polindrom
(base) ~/Documents >>> java polindrom kamu
Bukan Polindrom
(base) ~/Documents >>>
```
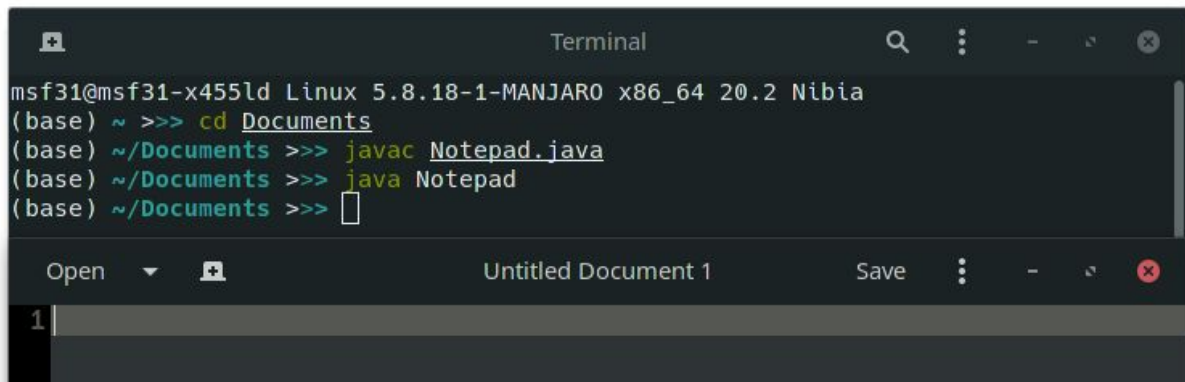
## Notepad

- Screenshot Code

```java
import java.io.*;
class Notepad {
    public static void main(String[] args) {
        Runtime rs = Runtime.getRuntime();
        try {
            rs.exec("gedit");
        } catch (IOException e) {
            System.out.println(e);
        }
    }
}
```

Pemrograman Berorientasi Objek - Notepad.java

- Screenshot Terminal

```
msf31@msf31-x455ld Linux 5.8.18-1-MANJARO x86_64 20.2 Nibia
(base) ~ >>> cd Documents
(base) ~/Documents >>> javac Notepad.java
(base) ~/Documents >>> java Notepad
(base) ~/Documents >>>
```

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