

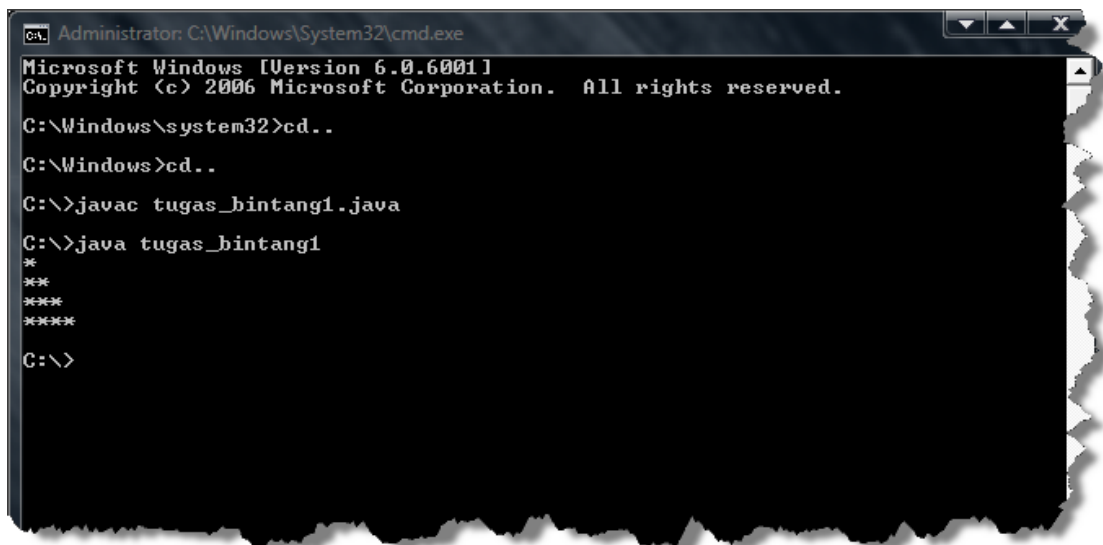
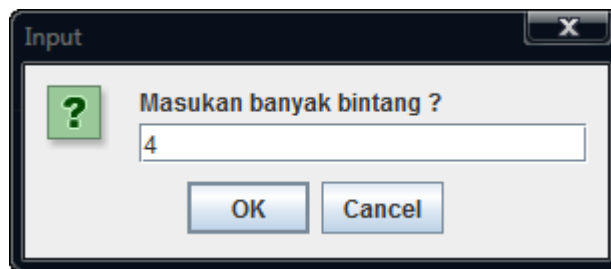
Contoh Program Java : Looping atau Pengulangan

1. Soal Pertama

Script :

```
import javax.swing.*;
public class tugas_bintang1 {
    public static void main (String[] args) {
        int x;
        x=Integer.valueOf(JOptionPane.showInputDialog("Masukan banyak bintang
        ?"));
        for (int i=1;i<=x;i++) {
            for (int j=1;j<=x;j++) {
                if (j<=i)
                    System.out.print("*");
                else
                    System.out.print(" ");
            }
            System.out.println();
        }
    }
}
```

Ountput :

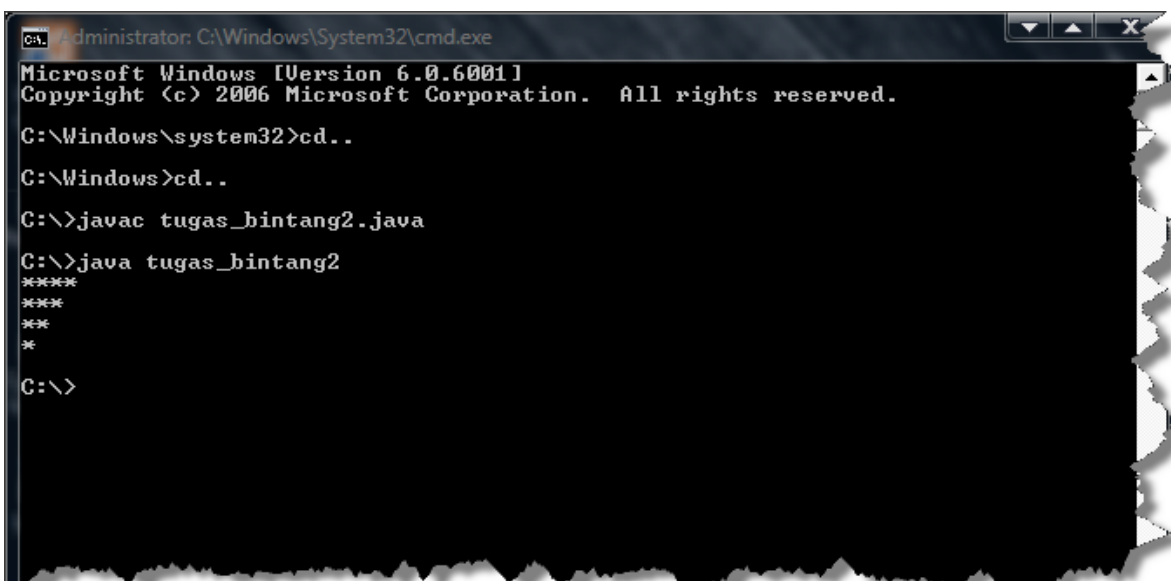
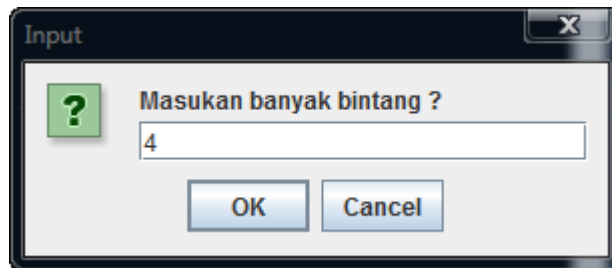


2. Soal Kedua

Script :

```
import javax.swing.*;
public class tugas_bintang2 {
    public static void main (String[] args) {
        int baris,x,y;
        baris=Integer.valueOf(JOptionPane.showInputDialog("Masukan banyak
        bintang ?"));
        x=baris+1;
        for (int i=1;i<=baris;i++) {
            for (int j=1;j<=baris;j++) {
                y=i+j;
                if (y<=x)
                    System.out.print("*");
                else
                    System.out.print(" ");
            }
            System.out.println();
        }
    }
}
```

Output:

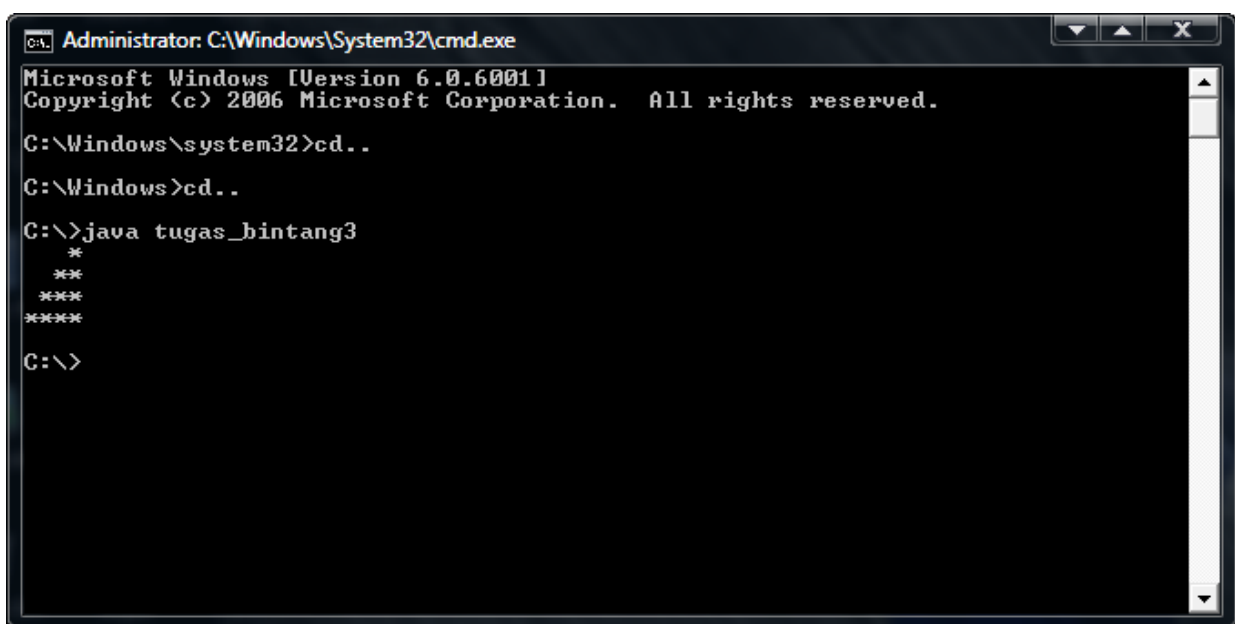
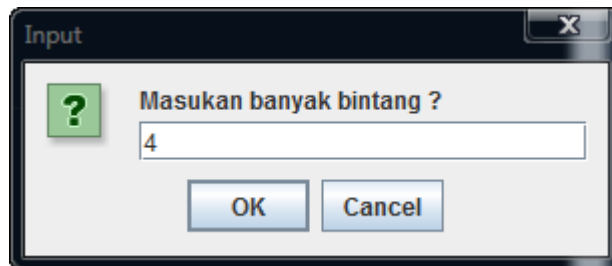


3. Soal Ketiga

Script:

```
import javax.swing.*;
public class tugas_bintang3 {
    public static void main (String[] args) {
        int baris,x,y;
        baris=Integer.valueOf(JOptionPane.showInputDialog("Masukan banyak
        bintang ?"));
        x=baris+1;
        for (int i=1;i<=baris;i++) {
            for (int j=1;j<=baris;j++) {
                y=i+j;
                if (x<=y)
                    System.out.print("*");
                else
                    System.out.print(" ");
            }
            System.out.println();
        }
    }
}
```

Output:



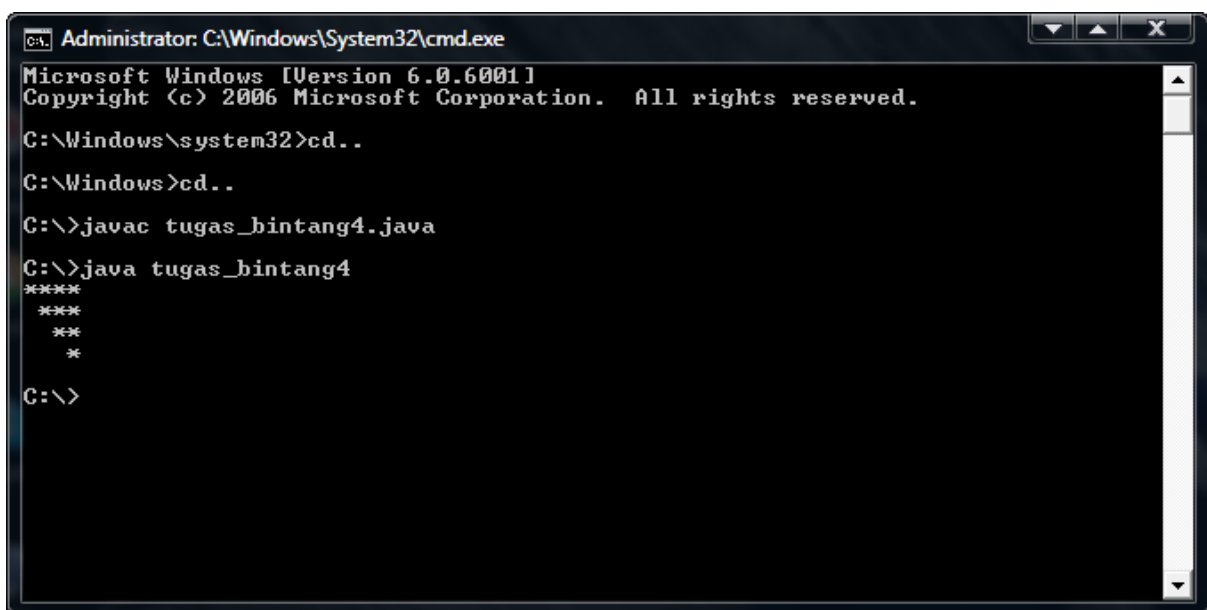
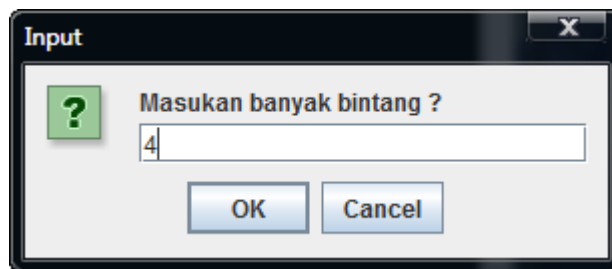
4. Soal Keempat

Script:

```
import javax.swing.*;
public class tugas_bintang4 {
    public static void main (String[] args) {
        int baris;
        baris=Integer.valueOf(JOptionPane.showInputDialog("Masukan
        banyak bintang ?"));

        for (int i=1;i<=baris;i++) {
            for (int j=1;j<=baris;j++) {
                if (i<=j)
                    System.out.print("*");
                else
                    System.out.print(" ");
            }
            System.out.println();
        }
    }
}
```

Output:

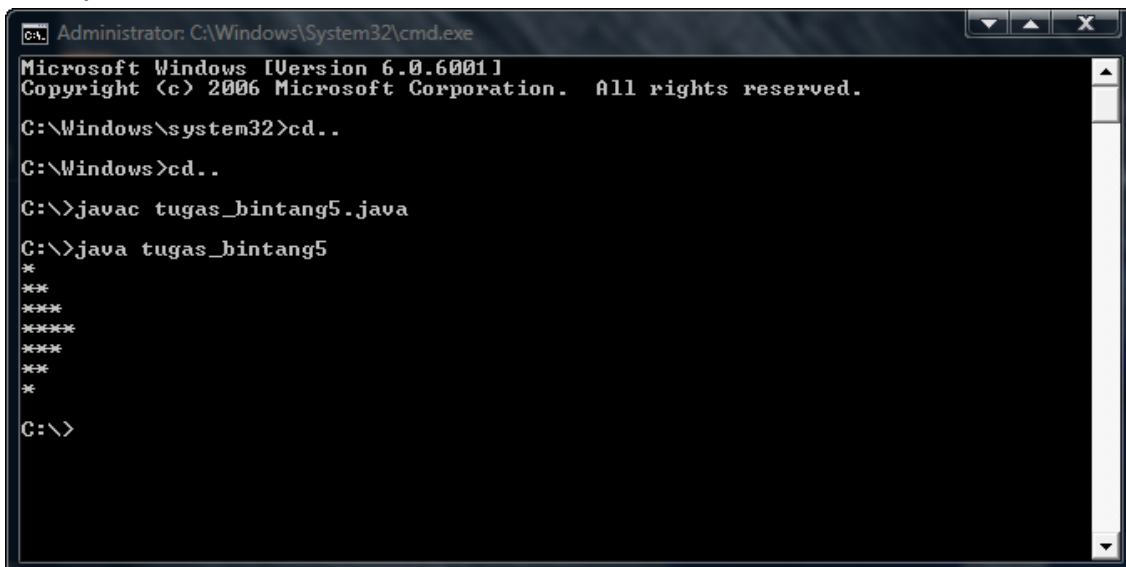


5. Soal Kelima

Script:

```
public class tugas_bintang5 {
    public static void main (String[] args) {
        int baris,m;
        for (int i=1;i<=7;i++) {
            if(i<5) {
                for (int j=1;j<=4;j++) {
                    if (j<=i)
                        System.out.print("*");
                    else
                        System.out.print(" ");
                }
            }
            else {
                for (int j=1;j<=4;j++) {
                    m=i+j;
                    if (m<=8)
                        System.out.print("*");
                    else
                        System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

Output:



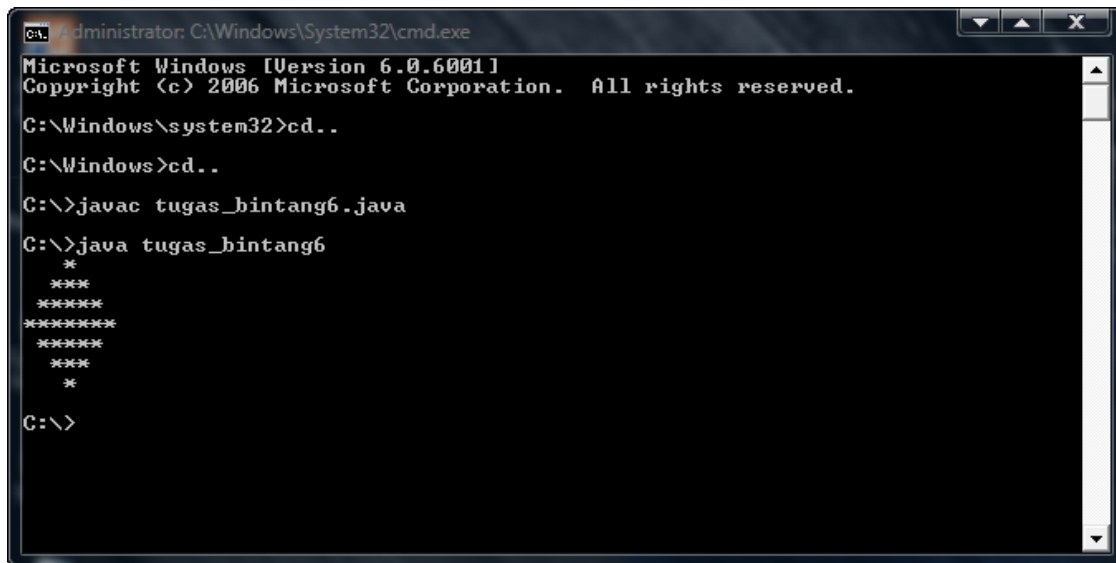
```
Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.0.6001]
Copyright (c) 2006 Microsoft Corporation. All rights reserved.

C:\Windows\system32>cd..
C:\Windows>cd..
C:\>javac tugas_bintang5.java
C:\>java tugas_bintang5
*
***
*****
***
*
C:\>
```

6. Soal Keenam**Script:**

```
public class tugas_bintang6 {
    public static void main (String [] args) {
        int baris,m,x,y,n;
        for (int i=1;i<=7;i++) {
            if (i <=4) {
                for (int j=1;j<=7;j++){
                    if (j<=4) {
                        m=i+j;
                        if (5<=m)
                            System.out.print ("*");
                        else
                            System.out.print (" ");
                    }
                    else {
                        x=j-3;
                        if(x<=i)
                            System.out.print ("*");
                        else
                            System.out.print (" ");
                    }
                }
            }
            else
                for (int j=1;j<=7;j++){
                    if (j<=4) {
                        y=i-3;
                        if (y<=j)
                            System.out.print ("*");
                        else
                            System.out.print (" ");
                    }
                    else {
                        x=j-3;
                        y=i-3;
                        n=x+y;
                        if(n<=5)
                            System.out.print ("*");
                        else
                            System.out.print (" ");
                    }
                }
            System.out.println ();
        }
    }
}
```

Output:



```
C:\Windows\System32>Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.0.6001]
Copyright (c) 2006 Microsoft Corporation. All rights reserved.

C:\Windows\system32>cd..
C:\Windows>cd..
C:\>javac tugas_bintang6.java
C:\>java tugas_bintang6
 *
 ***
 *****
 *****
 *****
 ***
 *
C:\>
```