```
1.
import javax.swing.JOptionPane;
class Students {
        private int NPM;
        public int getNPM() {
    return NPM;
        public void setNPM(int nPM) {
         }
}
public class tugas1 {
         static Students myBio = new Students();
        JOptionPane.showMessageDialog(null, "NPM tidak boleh kosong", "Error Message",
JOptionPane.ERROR_MESSAGE);
                 } else if(NPM.length() > 5) {
JOptionPane.showMessageDialog(null, "Minimum 1 digit dan maximum 5 digit", "Error Message", JOptionPane.WARNING_MESSAGE);
                 } else {
                           int NPMConvert = Integer.parseInt(NPM);
myBio.setNPM(NPMConvert);
JOptionPane.showMessageDialog(null, "Your NPM is " + myBio.getNPM(), "Success",
JOptionPane.INFORMATION_MESSAGE);
                 }
         }
}
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(i)
                              public static void main(String[] args) {
    String NPM = JOptionPane.showInputDialog(null, "Plea
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2.
import java.util.*;
public class tugas2 {
  static long faktorial(int n){
    long z =1;
    int i = 1;
    while(i <= n){</pre>
      z=z*i;
      i++;
    return z;
  public static void main(String[] args){
    int a, i, j;
    Scanner scan = new Scanner(System.in);
    System.out.print("Masukkan nilai: ");
    a = scan.nextInt();
    for (i=0; i<a; i++){</pre>
      for (j=0; j<a-i-1; j++){
   System.out.print(" ");</pre>
      }
      for (j=0; j<=i; j++){</pre>
        System.out.print(faktorial(i)/(faktorial(j)*faktorial(i-j))+" ");
      System.out.println();
    }
  }
                                                public class tugas2 {
                                  static long faktorial(int n){
                                   long z =1;
int i = 1;
                                    while(i <= n){
    z=z*i;
    i++;
                                   return z;
                                    Scanner scan = new Scanner(System.in);
System.out.print("Masukkan nilai: ");
a = scan.nextInt();
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3.
import java.util.Scanner;
public class tugas3 {
              public static void main(String[] args) {
                            createNoRegis();
              }
              static void createNoRegis() {
          System.out.print("Masukkan Nomor: ");
                            Scanner input = new Scanner(System.in);
int a = input.nextInt();
                            String with3digits = String.format("%05d", a);
System.out.println("No register:" + "IBIK" + with3digits);
              }
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                                                                                             U tugas1java U tugas2java U tugas3java X U tugas4java i import java.util.Scanner;
                                                                                             ■ Console ×
        public class tugas3 {
          public static void main(String[] args) {
    createNoRegis();
}
          static void createNoRegis() {
   System.out.print("Mssukkan Nomor: ");
   Scanner input = new Scanner(system.io);
   int a = input.nextInt();
   String withddigits = String.format("Mosd", a);
   System.out.println("No register:" + "IBIK" + with3digits);
}
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 4.
import java.util.Scanner;
import javax.swing.JOptionPane;
public class tugas4 {
              static JOptionPane jop = new JOptionPane();
              public static void main(String[] args) {
                            createNoRegis();
              static void createNoRegis() {
                            System.out.print("Masukkan Nomor: ");
                            Scanner input = new Scanner(System.in);
                            Integer a = input.nextInt();
                            if(a.equals(0) | | a.equals("")) {
                                          System.out.println("Masukan angka minimal 1 digit");
                            else {
                                          String with3digits = String.format("%05d", a);
System.out.println("No register:" + "IBIK" + with3digits);
                            }
```

}

