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IF-43-02

```
/*
 * To change this license header, choose License Headers in Project
Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package com.helloworld;

import java.util.Arrays;
/**
 *
 * @author ADI
 */
public class Main {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        System.out.print("Jawaban1 = ");
        Soal1_1301194160();
        System.out.println("Jawaban2 = ");
        Soal2_1301194160();
    }

    private static void Soal1_1301194160(){
        int n=10;
        int a,b,c,i;
        a = 0;
        b = 1;
        i = 2;
        while (i <= n){
            c = a +b;
            a = b;
            b = c;
            i++;
            System.out.print(b);
            System.out.print(",");
        }
        System.out.println();
    }
}
```

```

private static void Soal2_1301194160(){
    int[][] myNumbers;
    myNumbers = new int [4][6];
    int temp;
    int i = 0;
    while( i < 4){
        if (i == 0){
            temp = 3;
            for(int x=0;x<3;x++){
                myNumbers[i][x] = temp;
                temp = temp + 3;
            }
        }else if (i == 1){
            int j = 0;
            while (j < 4){
                for(int k = 0;k < 9;k++){
                    if( (k%2 == 1)){
                        myNumbers[i][j] = k;
                        j++;
                    }
                }
            }
        }else if (i == 2){
            temp = 1;
            int j = 0;
            if (j == 0){
                myNumbers[i][j]= temp;
                j++;
            }
            int M=2;
            while (j < 5){
                temp = temp*M;
                myNumbers[i][j]= temp;
                j++;
                M++;
            }
        }else{
            for (int L=0; L < 6;L++){
                myNumbers[i][L]= L+1;
            }
            printarr2D(myNumbers);
        }
        i++;
    }
}

```

```
}  
private static void printarr2D(int[][]dataArray){  
    for(int[] baris: dataArray){  
        System.out.print("[");  
        for(int angka:baris) {  
            System.out.print(angka + ",");  
        }  
        System.out.print("]\n");  
    }  
}
```

Output - HelloWord (run) X

run:
Jawaban1 = 1,2,3,5,8,13,21,34,55,
Jawaban2 =
[3,6,9,0,0,0,]
[1,3,5,7,0,0,]
[1,2,6,24,120,0,]
[1,2,3,4,5,6,]
BUILD SUCCESSFUL (total time: 0 seconds)