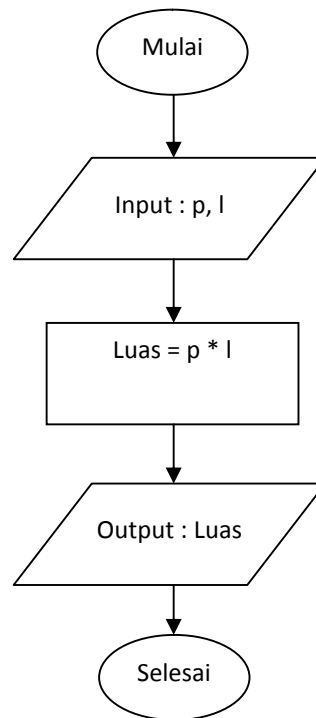A. KALIMAT DESKRIPTIF
   - Mulai
   - Input Panjang, Lebar
   - Hitung Luas = Panjang * Lebar
   - Cetak Luas
   - Selesai

B. FLOWCHART

```
                    ( Mulai )
                        |
                        v
                  / Input : p, l /
                        |
                        v
                  [ Luas = p * l ]
                        |
                        v
                 / Output : Luas /
                        |
                        v
                    ( Selesai )
```

C. PSEUDOCODE

   Input :
        Panjang, Lebar : real
   Output :
        Luas : real
   Read (Panjang)
   Read (Lebar)
   Luas = Panjang * Lebar
   Write (Luas)

D. PROGRAM

   Cara 01.

```java
package Permasalahan01;

/**...4 lines */
public class LuasPersegi_C01 {
    public static void main(String []args){
        int p = 5;
        int l = 5;
        int luas = p * l;
        System.out.println("Luas = "+luas);
    }
}
```

Cara 02.

```java
package Permasalahan01;

/**
 *
 * @author LScom
 */
import java.io.*;
public class LuasPersegi_C02 {
        static int luasPersegi(int p, int l){
        int luas = p * l;
        return luas;
    }

    public static void main(String [] args){
        int p = 3;
        int l = 2;
        System.out.println("Luas Persegi :"+luasPersegi(p, l));

    }
}
```

Cara 03.

```java
package Permasalahan01;

/**
 *
 * @author LScom
 */
import java.util.Scanner;
public class LuasPersegi_C03 {
    public static void main(String[] args){
        int p;
        int l;
        double luas;

        Scanner scan = new Scanner(System.in);

        System.out.println("Menghitung Luas Persegi Panjang");
        System.out.print("Masukkan Panjang : ");
        p = scan.nextInt();

        System.out.print("Masukkan Lebar : ");
        l = scan.nextInt();

        luas = p * l;
        System.out.println("Luas Persegi Panjang = "+luas);
    }
}
```

PERMASALAHAN 01 - Algoritma Menghitung Luas Persegi

MK Dasar Dasar Pemrograman   Dosen : Lukman Hakim, S.Kom., M.Kom.

Cara 04.

```java
package Permasalahan01;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;

public class LuasPersegi_CD4 {
    public static void main(String[] args) throws IOException{
        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
        int p, l;
        double luas;

        System.out.println("Inputkan Nilai Panjang :");
        p=Integer.parseInt(br.readLine());

        System.out.println("Inputkan Nilai Lebar :");
        l=Integer.parseInt(br.readLine());

        luas = p * l;
        System.out.println("Luas : "+luas);
    }
}
```