**Nama : Sugesty Pramana Aditya**

**Kelas : 1415015042**

**Post Test Modul 2 Prak.PBO C’14**

1. **Program Anak Ayam**

package posttest2a;

import java.util.Scanner;

public class Posttest2a {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

int a;

System.out.println("Masukkan jumlah anak ayam : ");

a=input.nextInt();

for(a=a;a>1;a--)

{

System.out.println("\n"+"Anak ayam turun "+a+"\n"+"Mati 1 tinggal "+(a-1)+"\n");

}

System.out.println("Anak ayam turun 1\n"+"Mati 1 tinggal induknya");

}

}

1. **Program A+B-C**

package posttest2b;

import java.util.Scanner;

/\*\*

\*

\* @author Acer

\*/

public class Posttest2b {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

int x;

int []d = new int[100];

int []a = new int[100];

int []b = new int[100];

int []c = new int[100];

System.out.print("Masukkan Jumlah Testcase (1-10) = ");

x = input.nextInt();

if(x>10)

{

System.out.println();

}

else

{

int []j = new int[x];

for(int y=1;y<=j.length;y++)

{

System.out.print("Masukkan A"+y+" = ");

a[y] = input.nextInt();

System.out.print("Masukkan B"+y+" = ");

b[y] = input.nextInt();

System.out.print("Masukkan C"+y+" = ");

c[y] = input.nextInt();

}

for(int y=1;y<=j.length;y++)

{

d[y]=a[y]+b[y]-c[y];

System.out.println("Case "+y+" = "+d[y]);

}

}

// TODO code application logic here

}

}

}

else

{

int []j = new int[x];

for(int y=1;y<=j.length;y++)

{

System.out.print("Masukkan A"+y+" = ");

a[y] = input.nextInt();

System.out.print("Masukkan B"+y+" = ");

b[y] = input.nextInt();

System.out.print("Masukkan C"+y+" = ");

c[y] = input.nextInt();

}

for(int y=1;y<=j.length;y++)

{

d[y]=a[y]+b[y]-c[y];

System.out.println("Case "+y+" = "+d[y]);

}

}

}

}

1. **Program Switch Case**

package posttest2c;

import java.util.Scanner;

public static void main(String[] args) {

Scanner masukan = new Scanner(System.in);

int a,n1,n2,n3,ul;

float na;

String nim,nm;

System.out.print("masukan Nama anda :");

nm = masukan.nextLine();

System.out.print("masukan NIM anda :");

nim = masukan.nextLine();

System.out.println("Pilih menu :");

System.out.println(" 1. Nama dan nim anda :");

System.out.println(" 2. Nilai akhir anda :");

System.out.println(" 3. Keluar Program :");

System.out.print("masukan pilihan anda :");

a = masukan.nextInt();

switch (a) {

case 1 : System.out.println("Nama Dan NIM");

{

System.out.println("Nama : " +nm);

System.out.println("NIM : " +nim);

}

break;

case 2 : System.out.println("Jumlah nilai anda");

{

System.out.print("masukan nilai Responsi : ");

n1 = masukan.nextInt();

System.out.print("masukan nilai Laporan : ");

n2 = masukan.nextInt();

System.out.print("masukan nilai Ujian : ");

n3 = masukan.nextInt();

na=((n1\*20/100)+(n2\*20/100)+(n3\*60/100));

System.out.println("Nilai Responsi : " +n1);

System.out.println("Nilai Laporan : " +n2);

System.out.println("Nilai Ujian : " +n3);

System.out.println("-----------------------");

System.out.println("Nilai Akhir : " +na);

if (na >= 80 && na <= 100)

{

System.out.println("Grade Anda = A");

}

else if (na >= 70 && na <= 79)

{

System.out.println("Grade Anda = B");

}

else if (na >= 50 && na <= 69)

{

System.out.println("Grade Anda = C");

}

else if (na >= 20 && na <= 49)

{

System.out.println("Grade Anda = D");

}

else if (na >= 100)

{

System.out.println("Input nilai Salah");

}

else

{

System.out.println("Grade Anda = E");

}

}

break;

case 3: System.out.println("Terima Kasih");

{

System.exit(0);

}

break;

}

}

}

case 2 : System.out.println("Jumlah nilai anda");

{

System.out.print("masukan nilai Responsi : ");

n1 = masukan.nextInt();

System.out.print("masukan nilai Laporan : ");

n2 = masukan.nextInt();

System.out.print("masukan nilai Ujian : ");

n3 = masukan.nextInt();

na=((n1\*20/100)+(n2\*20/100)+(n3\*60/100));

System.out.println("Nilai Responsi : " +n1);

System.out.println("Nilai Laporan : " +n2);

System.out.println("Nilai Ujian : " +n3);

System.out.println("-----------------------");

System.out.println("Nilai Akhir : " +na);

if (na >= 80 && na <= 100)

{

System.out.println("Grade Anda = A");

}

else if (na >= 70 && na <= 79)

{

System.out.println("Grade Anda = B");

}

else if (na >= 50 && na <= 69)

{

System.out.println("Grade Anda = C");

}

else if (na >= 20 && na <= 49)

{

System.out.println("Grade Anda = D");

}

else if (na >= 100)

{

System.out.println("Input nilai Salah");

}

else

{

System.out.println("Grade Anda = E");

}

}

break;

case 3: System.out.println("Terima Kasih");

{

System.exit(0);

}

break;

}

}

}

}

else if (na >= 20 && na <= 49)

{

System.out.println("Grade Anda = D");

}

else if (na >= 100)

{

System.out.println("Input nilai Salah");

}

else

{

System.out.println("Grade Anda = E");

}

}

break;

case 3: System.out.println("Terima Kasih");

{

System.exit(0);

}

break;

}

}

}