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**Fungsi aritmatika dan Perulangan**

public class Tugas1 {

public static void main(String[] args) {

{

int i, a, b, kl, bg, krg, tbh, mod;

a=12;

b=7;

kl=a\*b;

bg=a/b;

krg=a-b;

tbh=a+b;

mod=a%b;

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

System.out.println("============== Program Aritmatika ==============");

System.out.println("================================================\n");

System.out.println("Nilai bilangan Pertama = " +a );

System.out.println("Nilai bilangan Kedua = " +b);

System.out.println("\nHasil Penjumlahan adalah " +tbh );

System.out.println("Hasil Pengurangan adalah " +krg );

System.out.println("Hasil Perkalian adalah " +kl );

System.out.println("Hasil Pembagian adalah " +bg );

System.out.println("Hasil Sisa Pembagian(Mod) adalah " +mod );

System.out.println("\n================================================");

System.out.println("============== Program Perulangan ==============");

System.out.println("============== Angka Desimal ==============");

System.out.println("================================================\n");

for (i = 0;i<10;i++)

{

System.out.println("Angka Desimal = " +i);

}

} // TODO code application logic here

}

}

System.out.println("============== Angka Desimal ==============");

System.out.println("================================================\n");

for (i = 0;i<10;i++)

{

System.out.println("Angka Desimal = " +i);

}

}

}

}