int a;// local variable doesn't hold default value.

int b=10;

double c=100.30;

boolean res = true;

char abc='%';

//System.out.println(a);

System.out.println(b);

System.out.println("Value of b is "+b);

System.out.println("Value of c "+c);

System.out.println("Value of res "+res);

System.out.println("Value of abc is "+abc);

-----------------------------------------------------------------

int a=10;

int b=3;

int sum = a+b;

int sub = a-b;

int mul = a\*b;

int div = a/b;

int mod = a%b;

System.out.println("sum of to number is "+sum);

System.out.println("sub of to number is "+sub);

System.out.println("mul of to number is "+mul);

System.out.println("div of to number is "+div);

System.out.println("div of to number is "+mod);

---------------------------------------------------------------

char symbol = '(';

int a=10;

int b=5;

switch (symbol) {

case '+':System.out.println(a+b);

break;

case '-':System.out.println(a-b);

break;

case '\*':System.out.println(a\*b);

break;

case '/':System.out.println(a/b);

break;

default:System.out.println("Wrong choice");

break;

}

System.out.println("finish");

-------------------------------------------------------------------------

looping example

//System.out.println("Hello");

// System.out.println("while loop");

// int i=1,n=10;

// while(i<=n) {

// //System.out.println("Hello ");

// //System.out.println("Value of i is "+i);

// if(i%2!=0) {

// System.out.println("value of i is "+i);

// }

// i++;

// }

// System.out.println("Finish");

// System.out.println("do loop");

// int i=1,n=10;

// do {

// if(i%2!=0) {

// System.out.println("value of i is "+i);

// }

// i++;

// }while(i>=n);

// System.out.println("Finish");

System.out.println("for loop");

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

System.out.println("Value of i is "+i);

}

byte a=10;

short b=a; // implicit type casting

System.out.println("a "+a);

System.out.println("b "+b);

short c=129; //-32767 to 32768

//byte d = (type)c;

byte d = (byte)c; // explicit type casting -128 to 127

System.out.println("c "+c);

System.out.println("d "+d);

int e = 100;

float f = e; // implicit type casting

System.out.println("e "+e);

System.out.println("f "+f);

//float g = 100.0;

//double g = 100.10;

//float g = (float)100.10;

float g = 100.10f; // explicit type casting

int i = (int)g; // explicit type casting

System.out.println("g "+g);

System.out.println("i "+i);

int a=10;

int b=3;

int div1 = a/b;

float div2 = a/b;

float div3 = (float)a/b;

System.out.println("div1 "+div1);

System.out.println("div2 "+div2);

System.out.println("div3 "+div3);

-------------------------------------------------------------------

int num1[]; // declaration

int num2[]= {10,20,30,40,50}; // declaration with initialization

int num3[]=new int[10]; // memory created...

//System.out.println("Size of array "+num1.length);

System.out.println("Size of array "+num2.length);

System.out.println("Size of array "+num3.length);

System.out.println(num2);

System.out.println(num3);

System.out.println("0 index position "+num2[0]);

System.out.println("1 index position "+num2[1]);

System.out.println("0 index position "+num3[0]);

System.out.println("1 index position "+num3[1]);

System.out.println("1 index position "+num3[9]);

num3[0]=100;

num3[1]=200;

System.out.println("0 index position "+num3[0]);

System.out.println("1 index position "+num3[1]);

import java.util.Scanner;

public class TakingValueThrougKeyboards {

public static void main(String[] args) {

Scanner obj = new Scanner(System.in);

System.out.println("Enter the value of a ");

int a = obj.nextInt();

System.out.println("Enter the value of b ");

int b = obj.nextInt();

int sum = a+b;

System.out.println("sum of two number is "+sum);

String msg = "Welcome to Java";

System.out.println(msg);

System.out.println("Enter the id");

int id = obj.nextInt(); //int value

System.out.println("Enter the name");

String name = obj.next(); // string value

System.out.println("Enter the salary");

float salary = obj.nextFloat(); // float salary

System.out.println("Enter the result");

boolean result = obj.nextBoolean();

System.out.println("Employee details ");

System.out.println("Id is "+id);

System.out.println("name is "+name);

System.out.println("salary is "+salary);

System.out.println("result is "+result);

}

}

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