// note: whenever you print a variable always give a description message.

class Test1

{

public static void main(String args[]){

int i =10;

System.out.println(i);

System.out.println("I value is:" +i);

}

}

class Test2

{

public static void main(String args[]){

double y = 10.5;

System.out.println(y);

System.out.println("y value is : " +y);

System.out.println("Y = " +y);

}

}

Ex3:

Note: + operator is used to add anything to the string

class Test3

{

public static void main(String args[]){

Boolean flag = true;

System.out.println(flag);

System.out.println("boolean value is: " +flag);

System.out.println("flag value is:" +flag);

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

System.out.println("boolean = " +flag);

System.out.println(flag + "is boolean value");

System.out.println(flag+ "is flag value");

}

}

Ex4:

Note: use + oprator to add string with variable

class Test4

{

public static void main(String args[]){

Int I = 10;

Char j = �t�;

System.out.println(�I = " +i);

System.out.println(�J= " +j);

System.out.println(�I = "+ I + �, j ="+ j);

}}

class Test5

{

public static void main(String args[]){

String name="vinodh";

Int age = 30;

Double weight 67.5

}}

========================

# Practice all examples one by one.

which gives you a solid foundation in programming.

class Test6

{

public static void main(String[] args)

{

System.out.println("Hello World!");

}

}

class Test7

{

public static void main(String[] args)

{

System.out.println("Hello World!");

System.out.println("Hello World!");

System.out.println("Hello World!");

}

}

class Test8

{

public static void main(String[] args)

{

System.out.print(1);

System.out.print(2);

System.out.print(3);

System.out.println();

System.out.print(4);

System.out.print(5);

System.out.print(6);

System.out.println();

}

}

class Test9

{

public static void main(String[] args)

{

System.out.print(9);

System.out.print(8);

System.out.print(7);

System.out.print(6);

System.out.print(5);

}

}

class Test10

{

public static void main(String[] args)

{

double d1 = 1.5;

double d2 = 2.5;

System.out.println(d1);

System.out.println(d2);

d1 = 4.5;

System.out.println(d1);

System.out.println(d2);

d2 = 5.5;

System.out.println(d1);

System.out.println(d2);

}

}

class Test11

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

}

}

class Test12

{

public static void main(String[] args)

{

int i = 1;

System.out.println(i);

i = 2;

System.out.println(i);

}

}

class Test13

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

i = 20;

System.out.println(i);

i = 2;

System.out.println(i);

i = 4;

System.out.println(i);

}

}

class Test14

{

public static void main(String[] args)

{

int i;

i = 50;

System.out.println(i);

i = 40;

System.out.println(i);

i = 10;

System.out.println(i);

}

}

class Test15

{

public static void main(String[] args)

{

boolean b1 = true;

System.out.println(b1);

b1 = false;

System.out.println(b1);

b1 = true;

b1 = false;

b1 = true;

System.out.println(b1);

}

}

class Test16

{

public static void main(String[] args)

{

double var = 4.5;

System.out.println(var);

var = -4.9;

System.out.println(var);

var = 54.9;

System.out.println(var);

var = -0.9;

System.out.println(var);

}

}

class Test17

{

public static void main(String[] args)

{

System.out.print(1);

System.out.print(2);

System.out.print(3);

System.out.println();

System.out.print(4);

System.out.print(5);

System.out.print(6);

System.out.println();

}

}

class Test18

{

public static void main(String[] args)

{

System.out.print(9);

System.out.print(8);

System.out.print(7);

System.out.print(6);

System.out.print(5);

}

}

class Test19

{

public static void main(String[] args)

{

System.out.print("hello");

System.out.print("hello");

System.out.print("hello");

System.out.print("hello");

System.out.print("hello");

System.out.print("hello");

}

}

class Test20

{

public static void main(String[] args)

{

double d1 = 1.5;

double d2 = 2.5;

System.out.println(d1);

System.out.println(d2);

d1 = 4.5;

System.out.println(d1);

System.out.println(d2);

d2 = 5.5;

System.out.println(d1);

System.out.println(d2);

}

}

class Test21

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

}

}

class Test22

{

public static void main(String[] args)

{

int i = 1;

System.out.println(i);

i = 2;

System.out.println(i);

}

}

class Test23

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

i = 20;

System.out.println(i);

i = 2;

System.out.println(i);

i = 4;

System.out.println(i);

}

}

class Test24

{

public static void main(String[] args)

{

int i;

i = 50;

System.out.println(i);

i = 40;

System.out.println(i);

i = 10;

System.out.println(i);

}

}

class Test25

{

public static void main(String[] args)

{

boolean b1 = true;

System.out.println(b1);

b1 = false;

System.out.println(b1);

b1 = true;

b1 = false;

b1 = true;

System.out.println(b1);

}

}

class Test26

{

public static void main(String[] args)

{

double var = 4.5;

System.out.println(var);

var = -4.9;

System.out.println(var);

var = 54.9;

System.out.println(var);

var = -0.9;

System.out.println(var);

}

}

class Test27

{

public static void main(String[] args)

{

char c1 = 'r';

System.out.println(c1);

c1 = 'a';

System.out.println(c1);

c1 = '6';

System.out.println(c1);

c1 = '&';

System.out.println(c1);

}

}

class Test28

{

public static void main(String[] args)

{

char var;

var = 'R';

System.out.println(var);

var = 'e';

System.out.println(var);

var = '7';

System.out.println(var);

}

}

class Test29

{

public static void main(String[] args)

{

String str = "hello";

System.out.println(str);

str = "India";

System.out.println(str);

}

}

class Test30

{

public static void main(String[] args)

{

int a = 10;

int b = 90;

System.out.println(a);

System.out.println(b);

a = 1000;

b = 50;

System.out.println(a);

System.out.println(b);

}

}

class Test31

{

public static void main(String[] args)

{

int i = 1, j = 2, k = 3;

System.out.println(i + ", " + j + ", " + k);

System.out.println("i = " + i + ", j = " + j + ", k = " + k);

}

}

class Test32

{

public static void main(String[] args)

{

int i = 10;

int j = 20;

int m = 10, n = 20;

System.out.println(i);

System.out.println(j);

System.out.println(m);

System.out.println(n);

}

}

class Test33

{

public static void main(String[] args)

{

int i = 10;

double j = 4.5;

char k = 'y';

System.out.println(i);

System.out.println(j);

System.out.println(k);

}

}

class Test34

{

public static void main(String[] args)

{

double d1 = 1.5, d2 = 5.5, d3 = 10.6;

int i = 10, j = 20, k = 30;

System.out.println(d1);

System.out.println(d2);

System.out.println(d3);

System.out.println(i);

System.out.println(j);

System.out.println(k);

}

}

class Test35

{

public static void main(String[] args)

{

int i = 1, j = 3, k = 60;

System.out.println(i);

System.out.println(j);

System.out.println(k);

}

}

class Test36

{

public static void main(String[] args)

{

int i = 10, j = 10, k = 10, m = 10;

System.out.println(i);

System.out.println(j);

System.out.println(k);

System.out.println(m);

}

}

class Test37

{

public static void main(String[] args)

{

char c1, c2, c3;

c1 = 'y';

c2 = 't';

c3 = 'R';

System.out.println(c1);

System.out.println(c2);

System.out.println(c3);

}

}

class Test38

{

public static void main(String[] args)

{

int i, j = 1, k;

i = 10;

k = 40;

System.out.println(i);

System.out.println(j);

System.out.println(k);

}

}

class Test39

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

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

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

}

}

class Test40

{

public static void main(String[] args)

{

int i = 10;

int j = 20;

System.out.println(i);

System.out.println(j);

i = j = 40;

System.out.println(i);

System.out.println(j);

}

}

class Test41

{

public static void main(String[] args)

{

int i, j, k, m;

i = j = k = m = 10;

System.out.println(i);

System.out.println(j);

System.out.println(k);

System.out.println(m);

}

}

class Test42

{

public static void main(String[] args)

{

double weight = 67.5;

System.out.println(weight);

System.out.println(weight + " is weight value");

System.out.println(weight + " ==> weight value");

System.out.println(weight + " --> weight value");

}

}

class Test43

{

public static void main(String[] args)

{

int age = 25;

System.out.println(age);

System.out.println("age is :" + age);

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

System.out.println("age : " + age);

System.out.println("age value is : " + age);

}

}

class Test44

{

public static void main(String[] args)

{

int i = 10, j = 20;

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

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

}

}

class Test45

{

public static void main(String[] args)

{

int i = 10, j = 20;

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

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

System.out.println("i = " + i + ", j = ");

System.out.println("i = " + i + ", j = " + j);

}

}

class Test46

{

public static void main(String[] args)

{

int i = 100;

double i = 4.5;

System.out.println("done");

}

}

class Test47

{

public static void main(String[] args)

{

int i = true;

System.out.println("done");

}

}

class Test48

{

public static void main(String[] args)

{

int i;

System.out.println(i);

}

}

class Test49

{

public static void main(String[] args)

{

int i = 10;

int i = 20;

System.out.println("done");

}

}

class Test50

{

public static void main(String[] args)

{

int i = 100;

double i = 4.5;

System.out.println("done");

}

}

class Test51

{

public static void main(String[] args)

{

System.out.print(1);

System.out.print(2);

System.out.print(3);

System.out.println();

System.out.print(4);

System.out.print(5);

System.out.print(6);

System.out.println();

}

}

class Test52

{

public static void main(String[] args)

{

double d1 = 1.5;

double d2 = 2.5;

System.out.println(d1);

System.out.println(d2);

d1 = 4.5;

System.out.println(d1);

System.out.println(d2);

d2 = 5.5;

System.out.println(d1);

System.out.println(d2);

}

}

class Test53

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

}

}

class Test54

{

public static void main(String[] args)

{

int i = 1;

System.out.println(i);

i = 2;

System.out.println(i);

}

}

class Test55

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

i = 20;

System.out.println(i);

i = 2;

System.out.println(i);

i = 4;

System.out.println(i);

}

}

class Test56

{

public static void main(String[] args)

{

int i;

i = 50;

System.out.println(i);

i = 40;

System.out.println(i);

i = 10;

System.out.println(i);

}

}

class Test57

{

public static void main(String[] args)

{

boolean b1 = true;

System.out.println(b1);

b1 = false;

System.out.println(b1);

b1 = true;

b1 = false;

b1 = true;

System.out.println(b1);

}

}

class Test58

{

public static void main(String[] args)

{

double var = 4.5;

System.out.println(var);

var = -4.9;

System.out.println(var);

var = 54.9;

System.out.println(var);

var = -0.9;

System.out.println(var);

}

}

class Test59

{

public static void main(String[] args)

{

System.out.print(1);

System.out.print(2);

System.out.print(3);

System.out.println();

System.out.print(4);

System.out.print(5);

System.out.print(6);

System.out.println();

}

}

class Test60

{

public static void main(String[] args)

{

System.out.print(9);

System.out.print(8);

System.out.print(7);

System.out.print(6);

System.out.print(5);

}

}

class Test61

{

public static void main(String[] args)

{

System.out.print("hello");

System.out.print("hello");

System.out.print("hello");

System.out.print("hello");

System.out.print("hello");

System.out.print("hello");

}

}

class Test62

{

public static void main(String[] args)

{

double d1 = 1.5;

double d2 = 2.5;

System.out.println(d1);

System.out.println(d2);

d1 = 4.5;

System.out.println(d1);

System.out.println(d2);

d2 = 5.5;

System.out.println(d1);

System.out.println(d2);

}

}

class Test63

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

}

}

class Test64

{

public static void main(String[] args)

{

int i = 1;

System.out.println(i);

i = 2;

System.out.println(i);

}

}

class Test65

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

i = 20;

System.out.println(i);

i = 2;

System.out.println(i);

i = 4;

System.out.println(i);

}

}

class Test66

{

public static void main(String[] args)

{

int i;

i = 50;

System.out.println(i);

i = 40;

System.out.println(i);

i = 10;

System.out.println(i);

}

}

class Test67

{

public static void main(String[] args)

{

boolean b1 = true;

System.out.println(b1);

b1 = false;

System.out.println(b1);

b1 = true;

b1 = false;

b1 = true;

System.out.println(b1);

}

}

class Test68

{

public static void main(String[] args)

{

double var = 4.5;

System.out.println(var);

var = -4.9;

System.out.println(var);

var = 54.9;

System.out.println(var);

var = -0.9;

System.out.println(var);

}

}

class Test69

{

public static void main(String[] args)

{

char c1 = 'r';

System.out.println(c1);

c1 = 'a';

System.out.println(c1);

c1 = '6';

System.out.println(c1);

c1 = '&';

System.out.println(c1);

}

}

class Test70

{

public static void main(String[] args)

{

char var;

var = 'R';

System.out.println(var);

var = 'e';

System.out.println(var);

var = '7';

System.out.println(var);

}

}

class Test71

{

public static void main(String[] args)

{

String str = "hello";

System.out.println(str);

str = "India";

System.out.println(str);

}

}

class Test72

{

public static void main(String[] args)

{

int a = 10;

int b = 90;

System.out.println(a);

System.out.println(b);

a = 1000;

b = 50;

System.out.println(a);

System.out.println(b);

}

}

class Test73

{

public static void main(String[] args)

{

System.out.println("Hello World!:" + args);

}

}

class Test74

{

public static void main(String[] args)

{

System.out.println("Hello World!:" + args.length);

}

}

class Test75

{

public static void main(String[] args)

{

System.out.println("total arguments:" + args.length);

for(String arg : args)

{

System.out.println(arg);

}

}

}

class Test76

{

public static void main(String[] args)

{

String s1 = args[0];

int i = Integer.parseInt(s1);

int j = i \* i;

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

}

}

class Test77

{

public static void main(String[] args)

{

System.out.println("main begin");

String s1 = args[0];

System.out.println("----11----");

String s2 = args[1];

System.out.println("----22----");

String s3 = args[2];

System.out.println("----33----");

System.out.println(s1);

System.out.println(s2);

System.out.println(s3);

System.out.println("main end");

}

}

class Test78

{

public static void main(String[] args)

{

String s1 = args[0];

String s2 = args[1];

int i = Integer.parseInt(s1);

int j = Integer.parseInt(s2);

int min = i;

if(j < i)

{

min = j;

}

System.out.println("min b/w " + i + " and " + j + " is " + min);

}

}

class Test79

{

public static void main(String[] args)

{

String s1 = args[0];

int i = s1;

double j = Math.sqrt(i);

System.out.println("square root of " + i + " is :" + j);

}

}

class Test80

{

public static void main(String[] args)

{

for(String s1 : args)

{

System.out.println(s1);

}

}

}

class Test81

{

public static void main(String[] args)

{

int a =10;

int b =15;

int c = a+b;

byte age = 110;

float f = 25.89;

System.out.println(a);

System.out.println(c);

System.out.println("Hello World!");

System.out.println(15.9);

System.out.println(15.98f);

System.out.println(76);

}

}

class Test82

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

i = 20;

System.out.println(i);

i = 2;

System.out.println(i);

i = 4;

System.out.println(i);

}

}

class Test83

{

public static void main(String[] args)

{

int i;

i = 50;

System.out.println(i);

i = 40;

System.out.println(i);

i = 10;

System.out.println(i);

}

}

class Test84

{

public static void main(String[] args)

{

boolean b1 = true;

System.out.println(b1);

b1 = false;

System.out.println(b1);

b1 = true;

b1 = false;

b1 = true;

System.out.println(b1);

}

}

class Test85

{

public static void main(String[] args)

{

double var = 4.5;

System.out.println(var);

var = -4.9;

System.out.println(var);

var = 54.9;

System.out.println(var);

var = -0.9;

System.out.println(var);

}

}

class Test86

{

public static void main(String[] args)

{

double d1 = 1.5;

double d2 = 2.5;

System.out.println(d1);

System.out.println(d2);

d1 = 4.5;

System.out.println(d1);

System.out.println(d2);

d2 = 5.5;

System.out.println(d1);

System.out.println(d2);

}

}

class Test87

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

}

}

class Test88

{

public static void main(String[] args)

{

double d1 = 1.5, d2 = 5.5, d3 = 10.6;

int i = 10, j = 20, k = 30;

System.out.println(d1);

System.out.println(d2);

System.out.println(d3);

System.out.println(i);

System.out.println(j);

System.out.println(k);

}

}

class Test89

{

public static void main(String[] args)

{

int i = 1, j = 3, k = 60;

System.out.println(i);

System.out.println(j);

System.out.println(k);

}

}

class Test90

{

public static void main(String[] args)

{

int i = 10, j = 10, k = 10, m = 10;

System.out.println(i);

System.out.println(j);

System.out.println(k);

System.out.println(m);

}

}

class Test91

{

public static void main(String[] args)

{

char c1, c2, c3;

c1 = 'y';

c2 = 't';

c3 = 'R';

System.out.println(c1);

System.out.println(c2);

System.out.println(c3);

}

}

class Test92

{

public static void main(String[] args)

{

int i, j = 1, k;

i = 10;

k = 40;

System.out.println(i);

System.out.println(j);

System.out.println(k);

}

}

class Test93

{

public static void main(String[] args)

{

int i = 10;

System.out.println(i);

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

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

}

}

class Test94

{

public static void main(String[] args)

{

int i = 10;

int j = 20;

System.out.println(i);

System.out.println(j);

i = j = 40;

System.out.println(i);

System.out.println(j);

}

}

class Test95

{

public static void main(String[] args)

{

int i, j, k, m;

i = j = k = m = 10;

System.out.println(i);

System.out.println(j);

System.out.println(k);

System.out.println(m);

}

}

class Test96

{

public static void main(String[] args)

{

double weight = 67.5;

System.out.println(weight);

System.out.println(weight + " is weight value");

System.out.println(weight + " ==> weight value");

System.out.println(weight + " --> weight value");

}

}

class Test97

{

public static void main(String[] args)

{

int age = 25;

System.out.println(age);

System.out.println("age is :" + age);

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

System.out.println("age : " + age);

System.out.println("age value is : " + age);

}

}

class Test100

{

public static void main(String[] args)

{

int i = 10, j = 20;

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

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

}

}

class Test101

{

public static void main(String[] args)

{

int i = 10, j = 20;

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

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

System.out.println("i = " + i + ", j = ");

System.out.println("i = " + i + ", j = " + j);

}

}

class Test102

{

public static void main(String[] args)

{

int i = 100;

double i = 4.5;

System.out.println("done");

}

}

class Test103

{

public static void main(String[] args)

{

int i = true;

System.out.println("done");

}

}

class Test104

{

public static void main(String[] args)

{

int i;

System.out.println(i);

}

}

class Test105

{

public static void main(String[] args)

{

int i = 10;

int i = 20;

System.out.println("done");

}

}

class Test106

{

public static void main(String[] args)

{

int i = 100;

double i = 4.5;

System.out.println("done");

}

}

class Test107

{

public static void main(String[] args)

{

int i = 5;

System.out.println(i --);

System.out.println(i);

System.out.println(i);

System.out.println(i);

System.out.println(i);

System.out.println(i);

}

}

class Test108

{

public static void main(String[] args)

{

int i = 0;

int j = i ++;

System.out.println(i);

System.out.println(j);

}

}

class Test109

{

public static void main(String[] args)

{

int i = 10;

int j = i --;

System.out.println(i);

System.out.println(j);

}

}

class Test110

{

public static void main(String[] args)

{

int i = 0;

int j = i ++ + i;

System.out.println(i);

System.out.println(j);

}

}

class Test111

{

public static void main(String[] args)

{

int i = 5;

int j = i -- + i;

// 5 + 4

System.out.println(i); // 4

System.out.println(j); // 9

}

}

class Test112

{

public static void main(String[] args)

{

int i = 0;

int j = i ++ + i + i ++ + i;

// 0 + 1 + 1 + 2

System.out.println(i); // 2

System.out.println(j);

}

}

class Test113

{

public static void main(String[] args)

{

int i = 5;

int j = i -- + i + i -- + i;

// 5 + 4 + 4 + 3

System.out.println(i); // 3

System.out.println(j); // 16

}

}

class Test114

{

public static void main(String[] args)

{

int i = 0;

int j = i ++ + i ++ + i ++ + i;

System.out.println(i);

System.out.println(j);

}

}

class Test115

{

public static void main(String[] args)

{

int i = 5;

int j = i -- + i -- + i -- + i;

// 5 4 3 2

System.out.println(i); // 2

System.out.println(j); // 14

}

}

class Test116

{

public static void main(String[] args)

{

int i = 0;

int j = i ++ + i + i ++ + i + i -- + i +

// 0 1 1 2 2 1 = 7

i -- + i + i -- + i + i ++ + i +

// 1 0 0 -1 -1 0 = -1

i + i ++ + i ++ + i -- + i -- + i;

// 0 0 1 2 1 0 = 4

System.out.println(i); // 0

System.out.println(j); // 10

}

}

class Test117

{

public static void main(String[] args)

{

int i = 0;

i = i ++;

System.out.println(i);

}

}

class Test118

{

public static void main(String[] args)

{

int i = 5;

i = i --;

System.out.println(i);

}

}

class Test119

{

public static void main(String[] args)

{

int i = 0;

System.out.println(++ i);

System.out.println(i);

System.out.println(i);

System.out.println(i);

System.out.println(i);

}

}

class Test120

{

public static void main(String[] args)

{

int i = 5;

System.out.println(-- i);

System.out.println(i);

System.out.println(i);

System.out.println(i);

System.out.println(i);

}

}

class Test121

{

public static void main(String[] args)

{

int i = 1;

int j = ++ i + i + -- i + i;

// 2 2 1 1

System.out.println(i); // 1

System.out.println(j); // 6

}

}

class Test122

{

public static void main(String[] args)

{

int i = 0;

int j = ++ i;

System.out.println(i);

System.out.println(j);

}

}

class Test123

{

public static void main(String[] args)

{

int i = 0;

int j = ++ i + i + ++ i;

System.out.println(i); // 2

System.out.println(j); // 4

}

}

class Test124

{

public static void main(String[] args)

{

int i = 5;

int j = -- i;

System.out.println(i);

System.out.println(j);

}

}