JAVA

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# Terminal

System.**out**.println(**"Hi"**);

# Varialbes

byte age = 30;

long viewCounts = 3\_123\_456\_789L;

float price = 10.99F;

char chr = ‘a’;

Date dt = new Date();

String message = new String(“string”); // new String is redundant

String message = “string”;

## Arrays

int[] numbers = new int[5];

int[] numbers = { 2, 3, 5, 1, 4 };

numbers[0] = 1;

Arrays.deepToString(numbers);

# Const

final float pi = 3.14F;

# Cast

(double)10 / (double)3 // result is 3.33333333

## Implicit casting

byte > short > int > long > float > double

# Formatting numbers

NumberFormat currency = NumberFormat.getCurrencyInstance();

currency.format(1234567.891); // $1,234,567.89

NumberFormat percent = NumberFormat.getPercentInstance();

percent.format(0.145); // 14.5%

# Reading input - Scanner

Scanner scanner = new Scanner(System.in);

Byte age = scanner.nexxtByte();

String name = scanner.nextLine();

# For each

String[] fruits = { “Apple”, “Mango”, “Orange” };

for (String fruit : fruits) {

System.out.println(fruit);

}

# Getter Setter

private string \_text = “”;

public void getTest() {

return \_text;

}

public void setText(string text) {

\_text = text;

}