Notes 03 Sahil Ahuja

* Java programs are organized into groups of classes called packages
* In order to use these packages, import statement must be written to import the packages

import packageName.ClassName;

import packageName.subPackageName.ClassName

ex. import java.util.Scanner;

* Scanner is one of a number of Java’s built – in classes. It is contained in the package util, which like all other Java packages is a subpackage of java.
* The Scanner scans various forms of user input and parses them.
* Parse: analyze a block of data and return the primitive values that it contains.

Creating a Scanner object

Scanner keyboard = new Scanner(System.in);

* Methods define the behaviors that a program (class) will be capable of.

object.method();

Ex. int num = keyboard.nextInt();

Scanner Methods

nextInt()

returns the next int value in the input

nextDouble()

returns the next double value in the input

nextFloat()

returns the next float value in the input

nextLong()

returns the next long value in the input

nextByte()

returns the next byte value in the input

nextShort()

returns the next short value in the input

next()

returns the next one word string value in the input

nextLine()

returns the next multi-word String value in the input