Chapter 2 Naming convention - Identifier Scanner Class Any word inth program In order to use any classimonde another class you need to do IL Class name: HelloWorld that is not a reserved Variable name: total Value 1. Import class Title Care! Find letter of 2. Create an object of the class (instartial) method name: calculation craye each word that makes up 3. Access methods using the object created in step 2. classoma is a capital Object name. son "In order to do this you need to know name, function and parameters of the method. letter. Constant! TAXRATE Carnel case! og Scanner find duble TAXRATE = 2.9; keyword Declaring a variable as a constant This statement goes autside the class. I import java. wil , Scanner; Notice: Name of this method shorts are exception) means that you will not be able to Followy goes isid the main method change value of this variable. 2. Januar son = new Sconner (System.in) This is done by using keyword fine in front of the datatype. is the Is an identificanthat represents is a keyword, word close analyzed of type Scanner to create an object of my shire Scanner (System in); Is a method, with the same name as thelas. * These varieble names are all caps, to of any class. alert programmer not to inadverteily change value. How do I know that this is a method? Method with the same name need two prevails name of the relatifier is followed as the class is regard to asth by paranthis. Lept - Righ. These on binary Opendon "Constructor". This special Operators method in responsible for giving install values and creating the object of type class. Is the input requirek - Arithmelic! to create anabject of modules type I conner 22n → [0,1, ..n-1] · *, /, % has higher 515=0 6 25=1 precidence than + A-, This whole process is reperted to as, Z 25- [0,1,23,7] 785=2 2/3+5*(%8/2-3 0 5 0 5 6 - Creating an instance of a class. 825=3 925= 4 - here son is an instance of type Scanner. 10+5*6 78/2-3 1075=0 Using Sammes 0-30%8/2-3 1185=1 . This is done through involume of Scanners ie (sen) 015=0 . I also need to know what functions are wish the 125=1 R=1 I will need to know signature of function or -> Keletinal: These boolean operators solup relationship between two expressions. Liol of all functions provided by the Scanner (This because my bounds - though - tho == } This is an assignment operator.

Has least precidence. -> Search! Java Scanner "API" (various function pl <= Wrang Here we will discuss some of the function of Scarmer Class to not equal to. (1) in mext Int () Who does next Int () do? mame of the female a. Type jupomoti. Soolen tic = 2==3: (valid) and valid ? Onextind() is a milled Ith scenner class and the finder will How do Juge this functio? used to combine mon than one can read integer Logical Operation (a) Promotuses to imput integer vall Diolean strament. input from the keyboard. AND - (88) (b) Read this value and bring it OR → (| |) Esc+ eg: Grade of B. NOT → (!) g>= 80 48 g < 90 v System ail printle ("Please enter you age" t Truth tildes - lists all options When you carlon 1 (A878) = j# 1/ jB +" as an integer volu")." A B A and A 113 ! A 13 ! A LE 18 ! (A 118) 1 (A (18)= 14 LL 18 ind age = son. next Int (): Shorthan De Mozgan law son an object of type Scanner read next 32 bits of information from the key bound as "integer. H.W Excen 2.1-2.7 Prograg 2.1-2.7 next Pash

