| Topic Name : | Day: | | Prior 1 |
|---|--|-----------------------------------|--|
| VI VIOLOCAT - 1 | Time: | Date: | 100 |
| Class. A class is a use type with a template define its properties. type has been defined, "variables" of that type that are similar to the declarations. The examp | that so make a we come we come we come | ined erved the ande fict | data to class reate clarations Pe class: |
| instant contains where class body contains | Liffe Liffe | bod vent | 5 |
| type of variable and m | ethod. m. 2001 m. 2001 | 5 | |
| id a tin } formand and | , . | appro | |
| che winter (start box silves) | ldug | | |

| Topic Name : | Day I | Date 1 | , | , |
|---|--------------|------------------|--------------|-------|
| Object . An object is | n Java | is es | send | Hally |
| to storce all the in | that, co | Nocial Nocial | s/sp | oce |
| objects in Java are the new operator. | creatine new | ed u | enre | |
| class and object of | f the | speci- | fied ce f | 70 |
| that object. Here i | s an | exam | ple | ot |
| Rectangle rect1; 11 | | | ect | |
| nect1 = new Rector | ngle(); | | | |
| formalib emistron pla | instantic | . the | obje | ct |
| class_name object | name; | 0 5 | n÷ | |
| object-name = new o | class-name | 20, | | |
| xample: class Rectangle public static vaid | { int c | . b; | | |
| | int o | area L | a,b) | { |
| public static will | | return | 1 ax | (d |

Rectangle rect 1: rect 1 = new réctangle (); rect 1. area (5.10); ? TATATATATATATE FOR TOTAL TOTAL

| Topic Name : | Day: | Date: | SKIGT | , |
|--|---------|-------------|-------|--------|
| Methods on In Java, method | s atre | bloc | k=84 | |
| codes that perforem speci | fc, to | sky | an c | 7 |
| can be reused through | nt th | e wh | nglie | 2 |
| 6200 22 cam. | n b | · Alexander | 75 | |
| The general form of a | methe | od de | clar | rotion |
| | | | | |
| type: methodname | Loronie | eter c | list |) |
| method bod | h stat | bol | | |
| (8) stoket war a lai method bod bod Hiw | | | | |
| Example : dass penct | arigle | of see | mar] | |
| to be to sell and the comment of the sell and the comment of the c | length | 120 | los, | |
| be to do to more all a vist. | width | 1. 1667 | 1. | 1 |
| method names | el do | 5 30 C | , Ini | , |
| get data meli soll svores 1 a. () { i | longth | =18(1) | n. ki | |
| | midth | ; E = | lei | |
| 7 | | | | |
| | | | | |
| | | | | |
| | | | | |

| Topic Name : | Day I | Date: | , | , |
|---|-----------|---------------|------|------|
| Vectorz " Vector is a | zenerci. | c dyr | Jam' | ic |
| aroray nam that can he type and any number | · Vec | jects tors | ot | eany |
| created as follows: Vector into = new | | Mr. L | oscy | |
| The mew | 11 declar | cing ve | ctor | Z |
| Vector list = new V | ectors (| d 512 | て. | |
| Vector list = new V | declar | cing v | rect | 017 |
| | with . | size. | | |

Table 9.3 Important Vector Methods

| Method Call 1 | Task performed |
|----------------------------------|---|
| list.addElement(item) | Adds the item specified to the list at the end |
| list.elementAt(10) | Gives the name of the 10th object |
| list.size() | Gives the number of objects present |
| list.removeElement(item) | Removes the specified item from the list |
| list.removeElementAt(n) / / ***/ | Removes the item stored in the nth position of the list |
| list.removeAllElements() | Removes all the elements in the list |
| list.copy Into(array) | Copies all items from list to array |
| list.insertElementAt(item, n) | Inserts the item at nth position |