Name: Charchashenhar Goudd 11 July 10 miges 038 import Javanutilox abstract clas shape (10) minute 102 biou minu ai materie ), amost uvur = public shape (int x) this x = x: 11 the port pato 3 201/200 Public abstract void printarea () class Rectangle extends shaped Private int y' + (12) 11/11 Public Rectargle () of Tricing of Friedling & ( Jet alpha to moth this (1, 1); Public Recacagly (int x, int y) 5 upen(x) this. 4= 4; public int gerwigth U q gotum super, X; Public void set width () q VIA ton 2 gloris office sanner 5= new sammer (system, in); this this system. out-primin("Enter width:"); In NOTES width = 5 next Int (); super. X= widh 2019

public int gettleight Out return this . Yi Public void 5et Meght()9 Scamer 5= new Scamer (System.in); int height! system. Out. printinc "Enter height." height = 5.nextInt() } 12 this y = heights @ override Public void b (soo rakara set width(); set Height (); System: Out. Print (hC"Area=" + (get width() \* get height ())) class eincle extends shaped PHU OHE int 4) public ascle() this (1) Public Circle Cint 1) of public intgerRodius()d NOTES return Super- ni 2019

Public void set Rodins ( )4 11114 41114 41114 scanners = new scanner (susternain); int radius! system. out. printing" enter rodius."); radius = S. next Int Chippen and the 50P 27-X= rody us; @ Overlide Public Word Print Area () set Rodius()d System.out- Pri hill ("Ana =" + Crown PI x math Pow (getredist), 41); 121/11/2/ class Friande extends shape of private int 4; public Triarde (){ this (1, 1); Public Frangle Cint & intyly Super(x)! this, 4= 47 Public int Set & over 14 miles and return super. X; Public void sof Base Ch scanner 5 new scenner Carston, in) int base of the matter of the matter of the second 2019

swtem-out- printinc enter bout " - It - to the Harman of the Harman of the Public int gettleg mest till all - - seturn this, 42 Public poid settleight 171 scannot 5= new scanner (sustern in) ind heigh? Sustem out frames C'artes Height." I'll height = S. nextInt (); this y = heighte; 3 @ wenide Public und Print Agree () x set Buspo" Set Height suspen. Out. print In C" Arous" + Couraget Basec reget Heighty)! Class State areay public static usid man (String [] args) shape red = new fectangle(); Shape citcle = now circle(); NOTES Shape trangle = new Triangles int op =0? 5 conposes new scanner (System in)?

Copy 6 - 4) 4 system. Out. Print In(" your option are; In1, Reading o In2 circle instriargle "); Opt = 5 inextIn (1); (1== 190) Fi . . red Print Area (); else if (opt==2) Circle, Primareal); eseif (opt == 3) Asiangle PringAsouly elseit (opt = =4) Jysemout Println(" Terminating session."); esse system. out. Printlo "Invalid value Passed."); SUNDAY 24 NOTES