AVIRATH HEGDE - 18M19CS195 LAB-4 import java util. ; abstract class shape inta; int b abstract void peint Asea (). clay Reclangle extende Rectangle (int x, int x) a= 7 ; void PuintArea() sydim. out. puint la ("Ama " + (a+b)). 3 Tuiangle extende shape Teriangle (int x, int y) a= x; void PuintAsea (1 System out puintln (" Ama 11" + (a+6+6.5)). 3

3 class Ciucle extend Shape Ciucle (int x) 0 0 a=2 roid Duint Area () System out puintln (" Ama 10" + (a+a+3.14)). clay Lob4 0 Public state void main (String ss[]) int 1,3, ba, h, ea; Scannes Scz mew Scanner (System in). System out puintln ("enter the length and builth of willings" 1= Sc. nestInt(). be sconeatings. 3 Reclongle a = new muchang 4 (1, b). M. puint Auea (): 9 System. out paintly ("Entir the base and beight of tuianglil. ba = scnex finf(); h = Schexilai(). 2 Turing (+ = new Turing 4 (69, h) L' printArra (): System out printing " entire the madies of cincle"). 2 Ma = Scinealtni() 2 Cucle C= new Ciucle (ra). 1. paint Ama(); 2 3