PAGE NO : 21/24) DATE : Lab program 4 impart javarutile Scancer: abstract class & Shape 1 ent a, b: shape (Centa, int b). thes. a = a; this. b = b ! abstract void printareall; class Rectangle extends shapel Rectargle (inta, int b) Superla (b): void printareal System out pronth ("Area of rectangle:"+(axb)); 2 Class Turangle extends Rectards Shapel Triangle (Port a, Port b) Sipera b): vold printareal

PAGE NO : DATE: Systemous printint" Area à triangle." +(0.5 × a x b)); ° class circle extends Txiadalle. Shapel circle (ent a , ent b) super (a, b); Mord pulntarea () Systemout. pulto ("Area q circle:" 4 (3.14 × ax a)); class Malo public Habe void mais (Studing cucys()) Scanner & = new Scanner (System. in); System out proton ("Enter length and breadth a Rectangle: "); Put length = sinextant(); Put breadth = Sonextent(); Rectangle sectangle = new Rectangle (length, breadth); System and prentty ("Fater base and height of tilangle: "); int base = sinentEnt();

	PAGE NO : DATE :
	ent height = s. nextant ():
	Turangle turangle = new 7.0
¥//	- S. Next Tat CA
	(riche Circle = new Circle (radius darlins)
	sector free pour actival);
	turangle puintaireal!
	cade prentareau;
	3
	3
	output?
	Enter length and breadth of Rectargle:
	2 3
	Enter base and height of Triangle?
	2 4
	Erter radice of areles
	3
	Area of rectangle :6 Area of transfe:400 Area of Circle: 28.259999999
	Area of trangle: 4.0
	Area of Circle: 28.2599994411
	S. T. A.
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