White a java program to custo an extract class by detroit methods adeulete Aux () and edeulet lemmet, public detroit mend to and triangle that enternels by Tetu abotract class shape 2 5 public abatract double colculde Area () j pastir asstract doubt colculate levimeter c); publi cless linde entends Stope & paint double radius; pussie y ushi linele colomble vadius ) & this . vacques = vadius; pushin double adoubted Area () { Teter Motts PI & vadues so vadius ; public down colculate feinneter () & Titum ZA Mits -PI & radius; Towngh colonse side I. double side 2, double this . side 2 = side 2; chis. side 2 = side = ; Has . sich ] = sich ];

public double colculate Area () { double s = < cide + sil z + side 3) / 2; Telem Mate Agent CSPES-Side 1) M( 3-side 2) 0 cs-Sidez77; public double colculate levimenter (7 & Tutum Siche + Siche + Siche 7; public dos Mais E public states void main ( strung 57 args) } circle circle = mus circle (5.0); System. out printles (" Circle - Are: " + circle : Edulad 1' circle - Reineth" + Kirch . Weelst linesh Townsh triangle = new Townsh (3.0, 7.015.07; System out printly " Triangle - Area:" + triangle chelland + "feriorten" + t triongle delte Output is aich - Ana: 78.5396 levimetr: 31.415 Tough - Aua: 60 levimeter: 12-0

Julit a Java program to contr a generic cla which hold 5 integers and 5 double where. armonatrids various string construction with hy Jour programs clas string public stury world mais ( Stury ango E3) char [] L'J', 'a', 'v', 'a'?; String 52. newstring (c) ; String 52. menostry (52) System out huiter (51); System. out prentle (SZ); JAVA Demonstrat startwith () to give output town pile class Mais public state word man c strung C3 000 Strong test = " teststring"; Strong Pottern = "te"; System out bruther creat. startswith 40th Potter = " est ! ". System out prentle c test starts with Uth output to the