puelor a Java Region to beat abolian Class Called Shope frat contains two enliger and on emply method mama print area (). Pilovide three class named rectangle, Theory Buch that each one of Class extends class shape. Each one of class contain only extends nethed point area () that howing offe area one shape. of given shape. limport Sawa. litit - Scanner; compos Sava - Cang Math, abstract day Shape ent leagth, bacadh; Bourner SS = new Scanna (System.in); abstract void friedale a (); "Class rectangle extende stape System Out-painty ("Fite byth and broadth"); poid prient asear () { longth = 55. nextln (); kreadth = 55. next Int(); ou Francis (« the area of Le changle is: \n" - area); Eysteen. Out. Agrent los (« the area of Le changle is: \n" - area); class triangle extend Shape Bystern out-Mintle ("Enlei bluse lengthe and height"); length = 55 next Int (), breadth = SS. nost Int (); int area = C Cengre & breadly ) / 2; Bystem out printly (the alea of Teingle is: (n', 1 alla) class circles extends shape coid plunt Leea ()

Bystem. Out printly (" Enterthe Sadus of curus. ) lights = 58. next Int (7) double one: man pJot alongth of length ); Rystem out priortes (" The also of vicle is class 8. main Rublic Adotic boi'd mais (String args C3) Grannes Soon = new sounces (Byclem. in);
System. Out-printles ("In prepull" Select shape in 1. Keelong \n2. Frangle \n3. Wiche\n') Ch = Scan - next Sod ()', Switch (ch) Case 1: Redougle hi = new Lectangle (1) S. 1. Perent Area (1) becar ; Case 2: Terangle £1= new Terangle (); fi gent Alea (); Case 3: cre de Ci=new Cle de (1) CI. prent Area (); break; defaut System out Prior In ("Inealid Typut to try to Output: ( neno 6) Select Shape 1) Mexangl 2) Tuangle 3) Circle

Zenter length and breadth The area of Redangle is: 200 والوص MENU Select Shapo 1) Revaley 2) Triangle 3) Circle a buse lengter and height che ares of Terangle is: 100 Rechange Bô rosoft Eindows [Version 10.6.23000.2129]

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