Date Develop o gura prayor to wark an abstract snamed shape that contains two sileges and are empty method round Dray Aracy Provides claves rained Rechargle trangle and chole such that each one of the classes extends the class shape Each one of the class contain only the method Rent Area () the Print the area of the geven stage class ImprEcapmers Scanner So; Pupul Scanner () ? SE new Scanner (System. Pn); Abstract clays shape Extends JuputScanner ? double a, double by abstract void getinpul(); Charl rectangle extends shapes reclarate (Put a Puto) & shape Clouble or slake (double 2) double y)

SURYA Gold class Rec extends shape 3 vold get Puput () & System and printing Entry selving a = Sc. Frances next Double () b = SC , next Doublely vord alsolay 05 System out prod " Area of rectangle 8 4 lass Frangle extends shape & void gettingal ? System- but pratty ("Ewler stolls"); 2 - SC. next Double (3) b= Sc. next Double (); vord display () ? System Out phut In " Area of trangle is" + pay Class carele extends shape 5 rold actinputes System out poutly (" Futer roadlys") vord deplayers System out past Carea of chele s"+(mother

SURYA Gold Juble Chass Main # 8 public state wold englisting args REC P = New Rec(); Trangle to new Trangles, circle C= new Carcles rectific R- get enputo: R. deplay 1). t-gct Riput(); olexplay (); ( get imput () C - display () Area of petangle ? so Fully spoly Area of trangl 8 as Ender roughly are of crite 7853 981633