SEG 2105 6778524 Sean Floyd Asq 1 E12 Edition Or Issue issue Number: String published Date: String Edition Of Book Issue Of Magazine Issue Of Newspaper isbn: String Author Publisher name: String Publication bar Code Nun: String name: String Copy B4 Issue Of Magazine Copy Oflsson Otherspaper Newspaper Part Of Publication Work Of Literature Mogazine title : String Book page Number: " chapter : volume: Financial Instrument e) BankAccount Reusable Financial Instrument Cheque number: String acc Number: String amount String date: Date balance: " seg Num : String Loan Credit Cord Financial Institution Currency limit : String name String Code: String Bank Machine MasterCard CreditUnion | Bank Visa exchangeRate Bank Branch

E16 b) Square should be a subclass of Simple Polygon because of its nature as a polygon. If it were a subclass of Rectangle, the programmer would have to rewrite and ovaride the methods in Rectangle and memory usage would not be worth the effort. Many class methods are necessary either.

Square
side
set Side()
get Area()
get Reimeterlength()
get Vertices()

- E18 b) Simple Polygon calls get Center () which it inherited so dynamic binding is needed.
  - c) Polygon calls get Bounding Rect(). Dynamic binding would be necessary if we had an instance of Regular Polygon, Arbitrary Polygon or Simple Polygon in our variable.

## Distribution System

