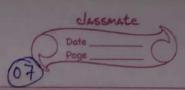


public void static main (string [] args) vehicle obj = mew bine (); Obj. ride ();

## Rules for Java abstract class >

- An abothact class must be declared with an abstract Neyword.
- It can have abstract and non-abstract methods.
- It cannot be instantiated.
- It can have constructors and static methods also.
- 7) Advantages of Abstract class >
- An abstract class uses less memory space for the application. It requires less execution time.

	(06)
	Class Diagram >
	Later to a little and the second seco
	abstract class Shape
	dimension i : double
	dimension 2: double
	type: String area: double
	the terms with the solid of
	abstlact read (): void
- 13	abstract display(): void
	abstract display (): void abstract compute-area (): double
. An	
	traingle restangle
e Wes	Manufact matrice. By the extitution of many and the
	read(): void read(): void
	display (): void display (): void compute area (): void
	display (): void display (): void compute area (): void
200	prings produced the court will be the court
	The state of the s
	Input ->
	Dimensions of triangle and rectangle are to be given as input.
	given as input.
	Example >
	For traingle > For rectangle; Enter base: 4 (in cm) Enter length: 10 (in cm)
	Enter base: 4 (ih cm) Enter length: 10 (ih cm) Enter height: 6 (ih cm) Enter breadth: 8 (ih cm)
	Enter height: 6 (ih cm) Enter breadth: 8 (ih cm)



The menu is displayed for chaice of Shape Traingle Rectangle choice: 1 (Traingle) Considering above in put following output is displayed the base of traingle: 4.0 cm

The height of traingle: 6.0 cm

The area of traingle: 12-0 sq.cm choice: 2 (Reitangle) Considering above input Jollowing Output is displayed.
The length of rectangle: 10.0 cm
The base of rectangle: 80.0 cm
The area of scetangle: 80.0 sq. cm > validation > proper units of dimensions (cm) and orea (sq em) are displayed. 2) Constructors are used to shitialize the dimension. -> Text Cases -> The test case include diff. values of dimensions for triangle and rectangle. The test cases are implemented and pasted in the soft copy.

