

Baku Higher Oil School
Programming and Computer Applications-2
Instructor : PhD, Associate Professor Leyla Muradkhanli
Assignment. Friend function

Write a class *Semicircle* with a private member variable *radius*. Write function *Area* that returns the area of the semicircle and a function *Perimeter* that returns the perimeter of the semicircle.

Create class declaration named *EquilateralTriangle* with a private member variable *side*. Write *Perimeter* and *Area* functions that returns the perimeter and area of the triangle. The area is

$$A = \frac{\sqrt{3}}{4} a^2$$

Create **multiply** as a friend function of both classes that will multiply private data.