```
1 /***************************************************************************
2  * AUTHOR        : Saul Moreno
3  * STUDENT ID    : 269491
4  * ASSIGNMENT#5 : Abstract Class
5  * CLASS         : CS1C
6  * SECTION       : MW 5:00pm
7  * DUE DATE      : 3/2/20
8  ***************************************************************************/
9
10 #ifndef SHAPE_H_
11 #define SHAPE_H_
12
13 class Shape
14 {
15     public:
16
17     //These are two pure virtual functions
18     virtual double CalcPerimeter(double a, double b, double c) = 0;
19     virtual double CalcArea(double a, double b, double c) = 0;
20
21 };
22
23 #endif /* SHAPE_H_ */
24
```