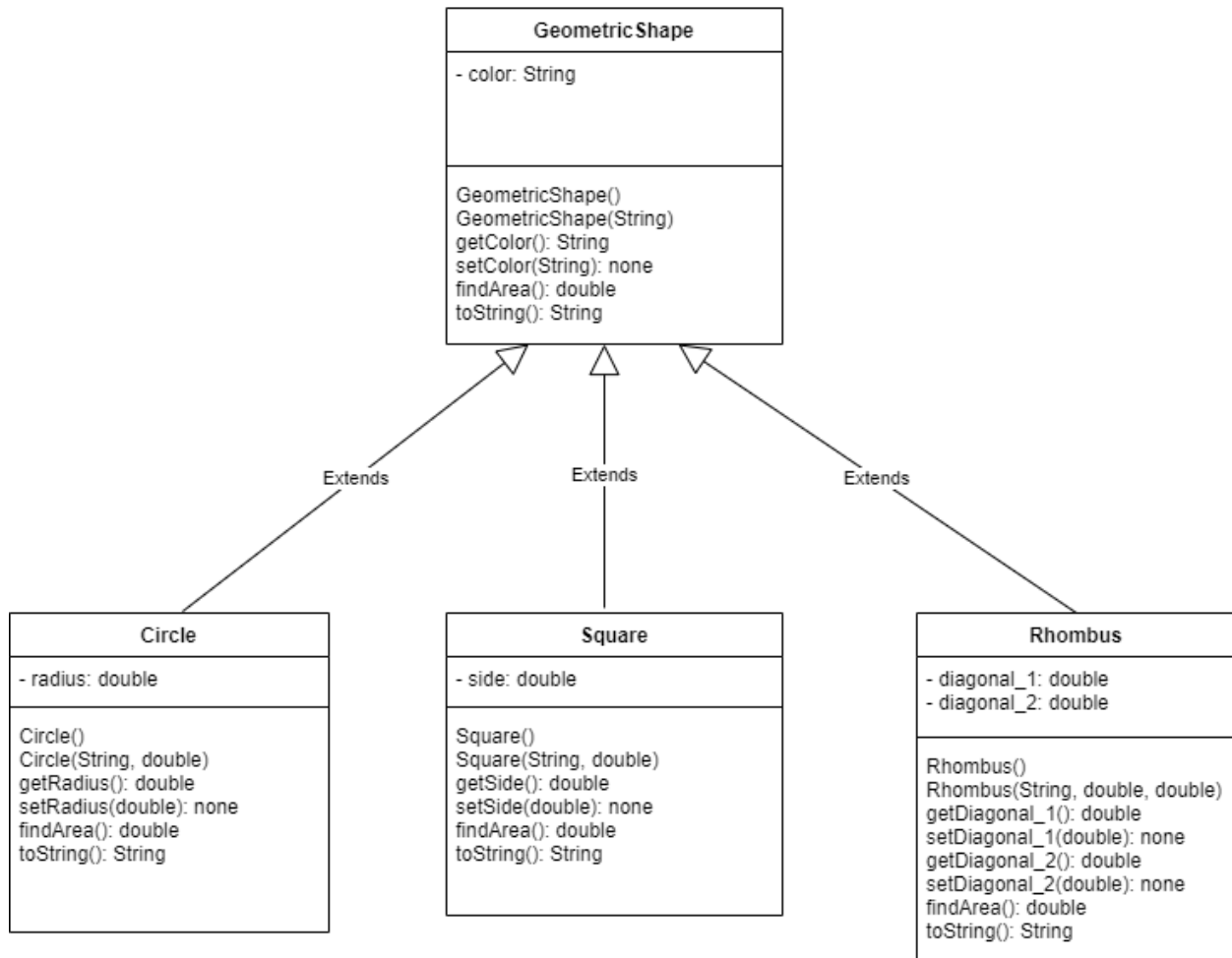


Midterm – UML, and Program output

UML


UML - ObjectOrientedProject




Program output:

Following are the screen captures of the program output on each option.

```
<terminated> Test (1) [Java Application] C:\Users\Anjum Shams\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot
please enter 1 to display the output to the console, and 2 to output to a file:
1
GeometricShape [color=blue]Circle [radius=3.0]
Area = 28.278
GeometricShape [color=blue]Circle [radius=3.0]
Area = 28.278
GeometricShape [color=blue]Circle [radius=3.0]
Area = 28.278
GeometricShape [color=blue]Square [side=5.3]
Area = 28.09
GeometricShape [color=blue]Rhombus [diagonal_1=5.0, diagonal_2=7.0]
Area = 17.5
GeometricShape [color=blue]Rhombus [diagonal_1=5.0, diagonal_2=7.0]
Area = 17.5
GeometricShape [color=blue]Circle [radius=3.0]
Area = 28.278
GeometricShape [color=blue]Rhombus [diagonal_1=5.0, diagonal_2=7.0]
Area = 17.5
GeometricShape [color=blue]Circle [radius=3.0]
Area = 28.278
GeometricShape [color=blue]Square [side=5.3]
Area = 28.09
GeometricShape [color=blue]Rhombus [diagonal_1=5.0, diagonal_2=7.0]
Area = 17.5
GeometricShape [color=blue]Circle [radius=3.0]
Area = 28.278
GeometricShape [color=blue]Rhombus [diagonal_1=5.0, diagonal_2=7.0]
Area = 17.5
GeometricShape [color=blue]Circle [radius=3.0]
Area = 28.278
GeometricShape [color=blue]Rhombus [diagonal_1=5.0, diagonal_2=7.0]
Area = 17.5
```

```
Console 
<terminated> Test (1) [Java Application] C:\Users\Anjum Shams\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.
please enter 1 to display the output to the console, and 2 to output to a file:
2
please enter a file name to output the results:
output_file.txt
|

Console 
<terminated> Test (1) [Java Application] C:\Users\Anjum Shams\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.
please enter 1 to display the output to the console, and 2 to output to a file:
3
invalid data detected. Please enter a correct value.
```