First Racket Assignment

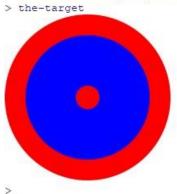
Learning Abstract: The first 3 parts of the is assignment consisted of following the given example. During this part of the assignment, I learned how to do so math and the draw shapes which would help with the last two pars. Those parts consisted of drawing a target and find the percentage of red the target contained.

Part One:

Part Two:

```
3.141592653589793
> ( define side 100)
> side
100
> (define square-area ( * side side))
> square-area
10000
> (define radius (/ side 2))
> radius
50
> ( define circle-area (* pi radius radius))
> circle-area
7853.981633974483
> (define scrap-area ( - square-area circle-area))
> scrap-area
2146.018366025517
```

```
Part Three:
> (require 2htdp/image)
> (define side 100)
> (define the-square ( square side "soild" "silver"))
       square: expects a mode as second argument, given "soild"
> (define the-square ( square side "solid" "silver"))
> the-square
> (define radius (/ side 2))
> define the-circle ( circle radius "solid" "white"))
define: bad syntax in: define
> (define the-circle (circle radius "solid" "white"))
> (define the-image (overlay the-circle the-square))
> the-image
Part Four:
> (require 2htdp/image)
> (define radius 100)
> (define first-circle (circle radius "solid" "red"))
> (define second-circle (circle (* radius (/ 3 4)) "solid" "blue"))
> (define the-target ( overlay second-cicle first-circle ))
🗞 🔯 second-cicle: undefined;
cannot reference an identifier before its definition
> (define the-target (overlay second-circle first-circle))
> (define third-circle (circle (* radius (/ 1 7)) "solid" "red"))
> (define the-target (overlay third-circle the-target))
```



Part Five: