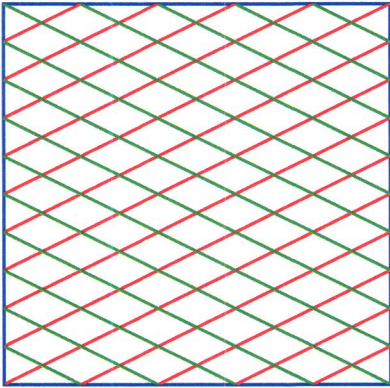


Quiz #1 (CSE4190.410)

September 13, 2004 (Monday)

Name: _____ Dept: _____ ID No: _____

1. (4 points) Fill in the blanks in the following PostScript program.



```
/inch { 72 mul } def  
1.0 inch 4.5 inch translate
```

```
/DrawSquare {  
  newpath  
  0 0 moveto  
  dup 0 rlineto  
  dup 0 _____ rlineto  
  _____ 0 rlineto  
  closepath } def
```

```
2 inch DrawSquare  
0.0 0.0 1.0 setrgbcolor  
stroke
```

```
2 inch DrawSquare  
_____
```

```
newpath  
-10 1 5 {  
  0.4 inch mul  
  0 moveto  
  4 inch 2 inch rlineto } for
```

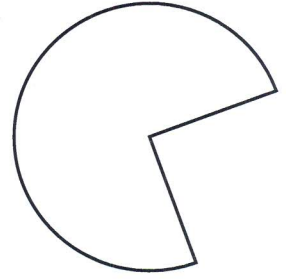
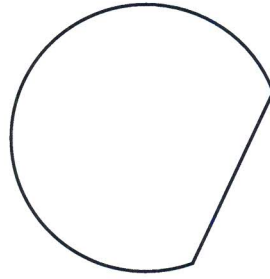
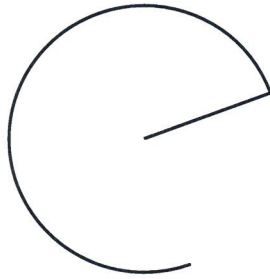
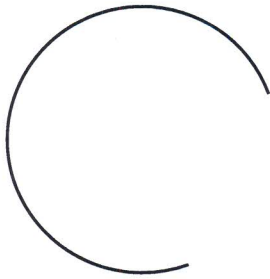
```
1.0 0.0 0.0 setrgbcolor  
stroke
```

```
newpath  
0 1 15 {  
  0.4 inch mul  
  0 moveto  
  -4 inch 2 inch rlineto } for
```

```
0.0 1.0 0.0 setrgbcolor  
stroke
```

```
showpage
```

2. (3 points) Complete the following PostScript program.



```

/inch { 72 mul } def    1.2 inch 9.8 inch translate
newpath

0 inch 0 inch 0.7 inch 20 290 arc

stroke

newpath

2 inch 0 inch 0.7 inch 20 290 arc

stroke

newpath

4 inch 0 inch 0.7 inch 20 290 arc
closepath
stroke

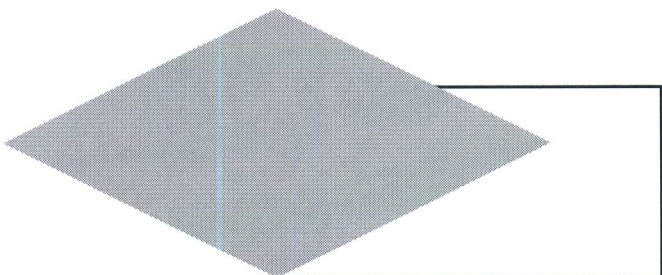
newpath

6 inch 0 inch 0.7 inch 20 290 arc

stroke showpage

```

3. (3 points) Fill in the blanks in the following PostScript program.



```

144 144 translate
----- scale

/DrawBox {
  newpath 0 0 moveto
  72 0 rlineto 0 72 rlineto
  -72 0 rlineto closepath } def

DrawBox stroke

----- rotate
DrawBox 0.7 setgray fill
showpage

```