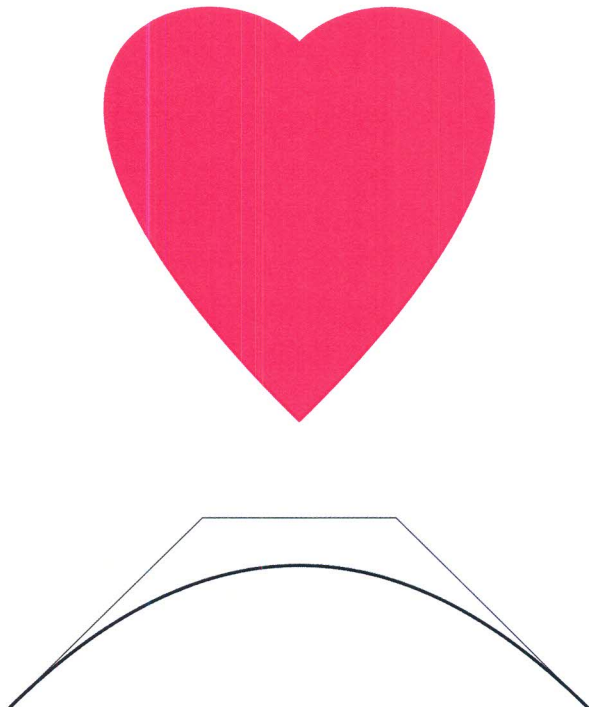


Quiz #1 (CSE4190.410)
September 13, 2005 (Tuesday)

Name: _____ Dept: _____ ID No: _____

1. (7 points) Fill in the blanks in the following PostScript program.



```
/inch { 72 mul } def  
/P0 { 1.0 inch 1.0 inch } def  
/P1 { 2.0 inch 2.0 inch } def  
/P2 { 3.0 inch 2.0 inch } def  
/P3 { 4.0 inch 1.0 inch } def
```

```
/DrawHeart {  
  /size exch def  
  /offset size 4 div def  
  0 0 moveto  
  size size  
  offset size offset add  
  0 size  
  curveto  
  _____ (+3)  
  _____ (+2)  
  _____ (+2)  
  curveto  
} def
```

```
P0 moveto P1 P2 P3 curveto  
stroke
```

```
P0 moveto  
P1 lineto P2 lineto P3 lineto  
0.25 setlinewidth  
stroke
```

```
2.5 inch 2.5 inch translate
```

```
2 inch DrawHeart  
1.0 0.0 0.5 setrgbcolor fill
```

```
showpage
```

2. (10 points) Fill in the blanks in the following PostScript program.

```
/inch { 72 mul } def
/Palatino-Roman findfont
1 inch scalefont setfont
```

```
/center_show {
```

```
3 -1 roll moveto
show} def
```

```
/right_show {
```

```
3 -1 roll moveto
show} def
```

```
newpath
```

```
0.5 inch 4.5 inch moveto
0.5 inch 0.5 inch lineto
4.0 inch 0.5 inch lineto
4.0 inch 4.5 inch lineto
7.5 inch 4.5 inch lineto
7.5 inch 5.5 inch moveto
7.5 inch 2.5 inch lineto
0.5 inch 2.5 inch lineto
```

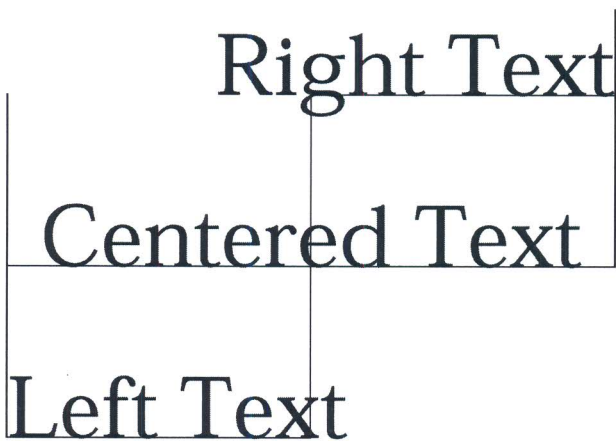
```
stroke
```

```
0.5 inch 0.5 inch moveto
(Left Text) show
```

```
4.0 inch 2.5 inch
(Centered Text) center_show
```

```
7.5 inch 4.5 inch
(Right Text) right_show
```

```
showpage
```



+4

+3

+3