

Comp 333 Project 3 Instructor Test Case

```
(define p1 '( ( 3 2) (8 3) (7 1) (4 0)))
```

```
(define p2 '( ( 5 2) (6 4) (-9 3) (4 0)))
```

```
(define p3 '(( 3 2) (-8 1) ( 5 2) ( 6 1) ( 6 2)))
```

```
(define p4 '( (5 0) ( 2 3) ( -3 1) ))
```

```
(define p5 '( (2 1) ( 1 0)))
```

```
(printpoly p3)
```

```
(printpoly (simplify p3))
```

```
(evalpoly p3 3)
```

```
(printpoly (addpoly p1 p2))
```

```
(evalpoly (addpoly p1 p2) -2)
```

```
(printpoly (subtractpoly '( ( 3 2) (5 1) (1 0)) '( (6 0) ( 4 1) ( 3 2))))
```

```
(define a ( multiplytermpoly '( 3 1) p5))
```

```
(evalpoly a 1.5)
```

```
(printpoly( multiplypoly p4 p5))
```

```
(evalpoly ( multiplypoly p4 p5) 1.25)
```

```
(subtractpoly p3 p3)
```

```
(printpoly (subtractpoly p3 p3))
```