Jason Zhang jzhan 127 Assignment 6 Collaborators; Dan Qion

X. 1

b. \_\_\_

e.l: 
$$e \Rightarrow \{l_i = V_i\}, \ldots; l_n = V_n\}, l = l_i, i \leq n$$

$$e.l \Rightarrow V_i$$

eilez = fr= Vr; ...; lk= Vkg 1 = r k it free jes

Kzo then lr= Vr Ees

(Alvegs choose right

one)

$$\frac{5=75}{6a=5; b=73}, \frac{1=1}{1+2=3}$$

$$\frac{1=1}{2=2}$$

$$\frac{1=1}{2=2}$$

$$\frac{1=1}{2=2}$$

Branch Me (Branch

```
Let point (= Funix -> Funiy ->

2 x=ix;

y=iy;

may = Funthis -> Fun_ -> Sert (Ser(this.x) + ser (this.y));

i's zero = Fun this -> Fun_ -> this. may this &?

3 In

Let cPoint c = Fun ix -> Funiy -> Funic ->

Let super = point (ix iy In

Super @

7 C=ic;

may = Fun this -> Fun_ -> mult (super. may this &?) (this. bright this &?);

bright = Fun this -> Fun_ -> this.c.r + this.c.g + this.c.b

3 In

Let cp = CPoint (0 10 &r=o; g=o; b=o ) In

cp. is Zero cp & 3
```

3 P.

```
Let point C = fun ix > funly >
   > x=ixs
      mag = Funthis -> Fun -> Sart (sar(this.x) + sar(this.y));
     is Zero = Fun this -> Fun_ -> this. mag this 23
 Let color C = Fun ic >
     2 (= ic')
       bright = Fun this > Fun_ > this. C.r+ this.c.ig + this.c.b
Let c Point C= Fun ix > Fun iy > Fun ic >
    Let Super = point ( ix iy In
     Let Supera = color ( ic In
      Super 1 @ Super 2 @
        2 mag = Funthis > Fun - > mult (Super 1. may this & 3)
         (Syper 2. bright this &3) }
        4 In
     Let cp = cpoint c 0 10 & r=0; g=0; b=03 In
            cp. is Zero cp 23
```