```
342 HW3 Gody Peter
7.a) (let ((d 10)) (*(/d 2) (/d 2)))
   b) (let ((c 30)) (* C 33.8))
2. a) program

ExpExp
      -> letexpletexp
      → letx = 1 letexp
      -> letx=1 letx=4 exp
      -> letx=1 lexx=4 x=4
          Program
              letexp Exp
      let exp
    $ let((x 1))
                 le+1(x4)
 b) program
   → EXP
   -> let (=3 let d=4 exp
    -> let c= 3 letd=4 d=4
```

30) free variables: a, m, b bound: C, Z, x, y
b) free: b C, g bound: a, y, x

4) i) (let ((x 100))(let ((x1)(z1)(y1))(let ((x21)) (*(*xy)z)))) ii)(let ((y20)(x1))(let((z1)(let((x2)(y2)(z12))(+(*xy)2))))