$$y'' + 2y' + 1 = 0$$

$$y^{2} + 2y' + 1 = 0$$

$$-2 \cdot \sqrt{2^{2} \cdot (1 \cdot 1)} / 2$$

$$-2 \cdot \sqrt{2}$$

$$-2 \cdot \sqrt{2}$$

$$-2 \cdot 2$$

$$-2 \cdot$$

YP= 0+2x-4

YCD= (1e x + c2xex +27;4

2A + B = 0 4 + B = 6

D=-4

```
Y" + x = x2 ; + Z 0 ; Y(0) = 7(0) = 0
\int Y^2 + 0 + 1 = 0 0! \sqrt{0^2 \cdot 4 \cdot 1 \cdot 1} / 2 \sqrt{-4} / 2 2: / 2 :
 X=61 Cos (x) + ( ) 1(x)
 A= y2+1 2A + (A+2+ A,++ A)
  A = 2, A+1+A+ + (2A+A)
 A" = 2
                A=0 A=1 A3=-2
                y p: +2-2
  Y(+) = (1 (05 (x) + (2 Sinax) + 12)
B Y1= (05G) Y2= SINCK)
                                  Cos. Cos - 5.1 -5:1
   Y1=-512CX) Y2= COSCX)
                                   (0524) + sin2(x) = 1
     V1 = - 42 FX = - Sin(x) x2
                                   v' = v. fax cosax) x2
    ) -5/1(x)x2
                                     ) CoscXX2
  V_1 = (\chi^2 - 2) (os(x) - 2 \times sin(x)
                                   12: 2 x cos (x) + (x2-2) sinco
    4, Y1 + 42 Y2
 ((x2-2)(05(x)-2x5/1(x))(cos(x) + ((2 x (05(x) + (x2-2)5.1x) (51xx))
     x2-7
   (1 Cosa) + (25:n(+) + x2-2
B O(t,s) = 51/4-5) + 25
   Y(1) = 5t 5.n(+-5) 52 d5
```

C100x+)+ C2>h (+)++2-2

(2)