AI LAB 1

Sliding puzzle 3X3 problem

Arranging the numbers from 0 to 7 in order in 3X3 Sliding Puzzle:

Writeup:

Code:

```
Sliding puzzle initial.py - Visual Studio Code
Terminal
        Help
                                                                          ▶ □ ····
  ■ Untitled-1
                   ☐ Configure Java Runtime
                                               Sliding puzzle initial.py X
  D: > Desktop > AI LAB PROGRAMS > 🕏 Sliding puzzle initial.py > ...
          numbers = [0,1,2,3,4,5,6,7]
          print(" ")
         x = 0
         y = x+3
          for numb in range(3):
              a=0
              for num in numbers[x:y]:
                   if(a!=2):
                       print(" ",num,end=" ")
                       print("|",end="")
                   else:
    11
                       print(" ",num,end=" ")
    12
                   a += 1
    13
              if(numb!=2):
    14
                  print()
    15
                  print("----")
              else:
    17
                  print()
    18
              x=y
    19
              y=x+3
    20
```

Output: