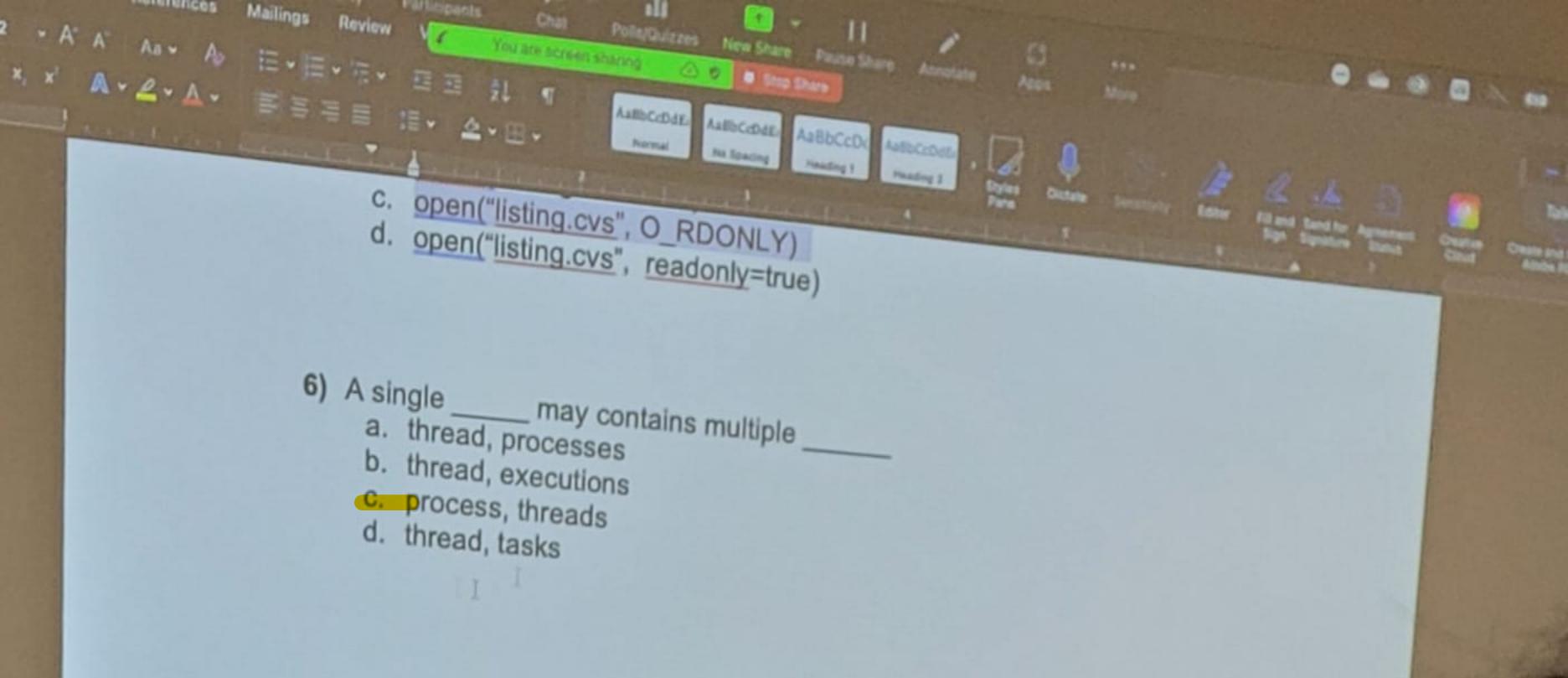


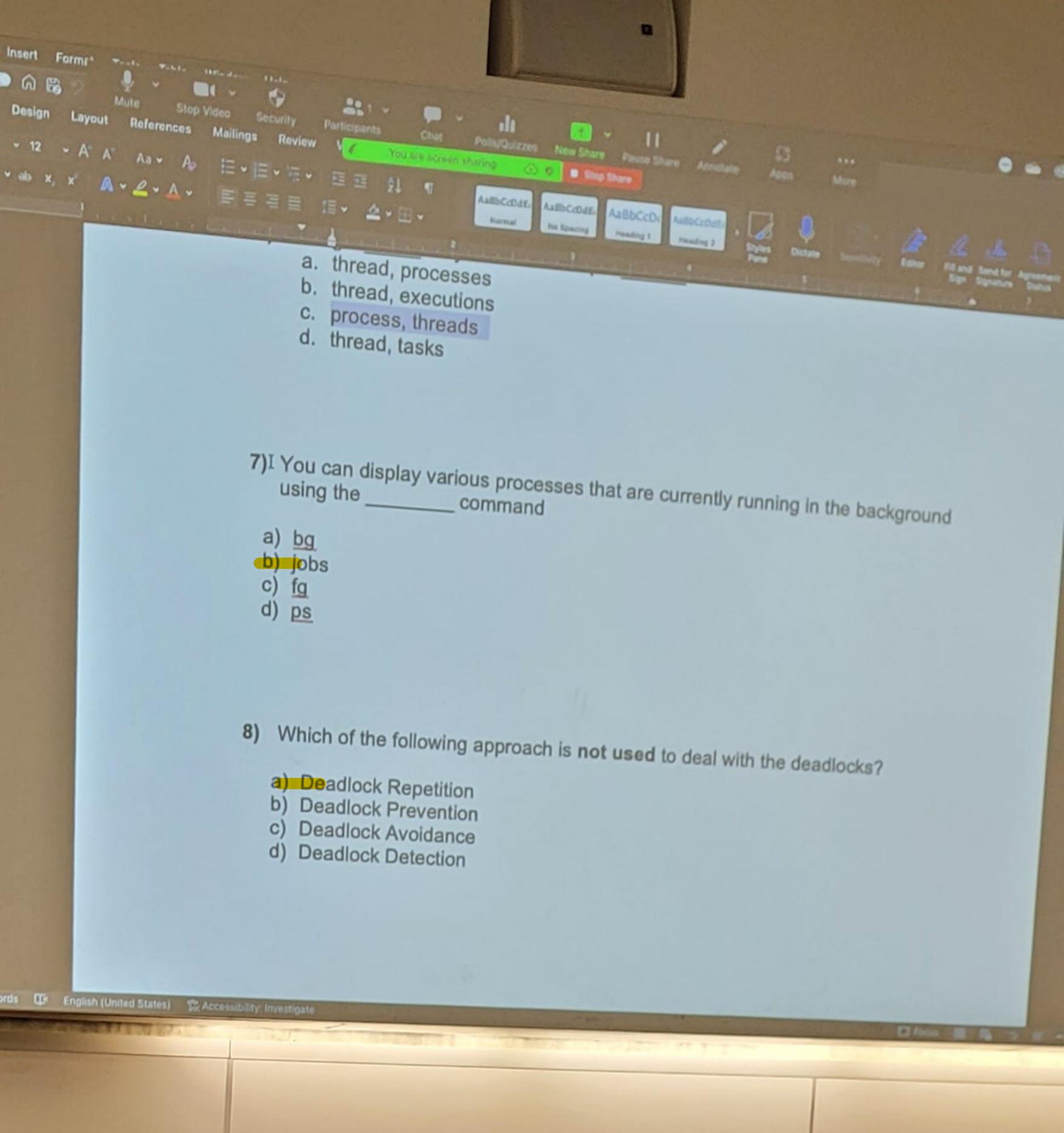
- 5) is way to use standard I/O library to open a file for read-only purpose. a. fopen("listing.csv","rw") b. fopen("listing.csv", "r+") c. open("listing.cvs", O\_RDONLY)
  - d. open("listing.cvs", readonly=true)
- 6) A single \_\_\_\_ may contains multiple a. thread, processes b. thread, executions c. process, threads
  - d. thread, tasks

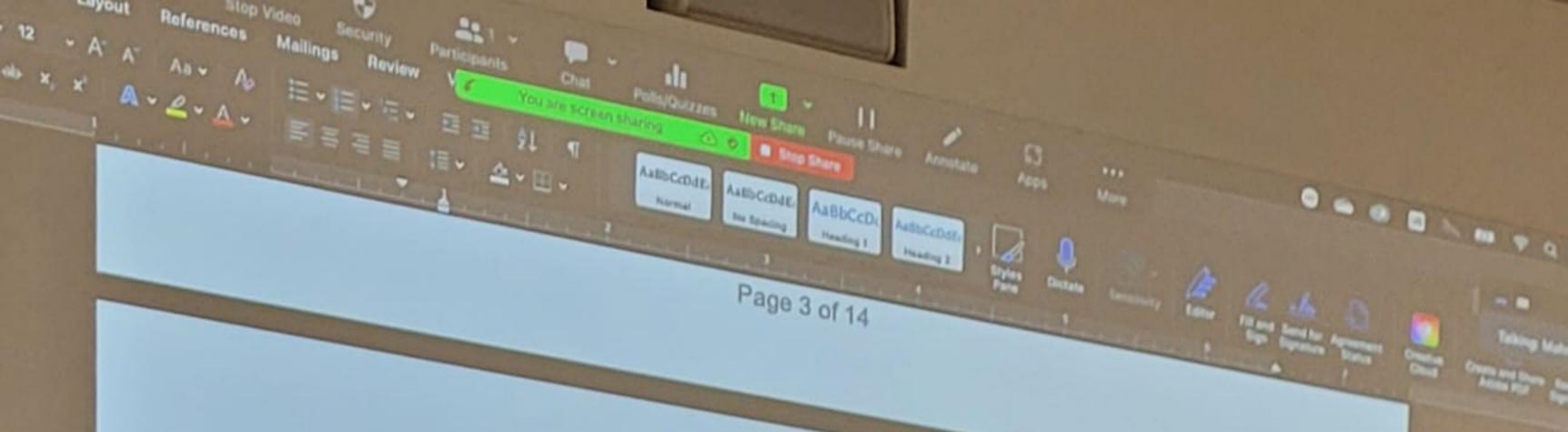


- 7) You can display various processes that are currently running in the background
  - a) bg
  - b) jobs
  - fg
  - d) ps
- Which of the following approach is not used to deal with the deadlocks?

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- Deadlock Repetition
- **Deadlock Prevention**
- Deadlock Avoidance
- Pracessibility Investigate



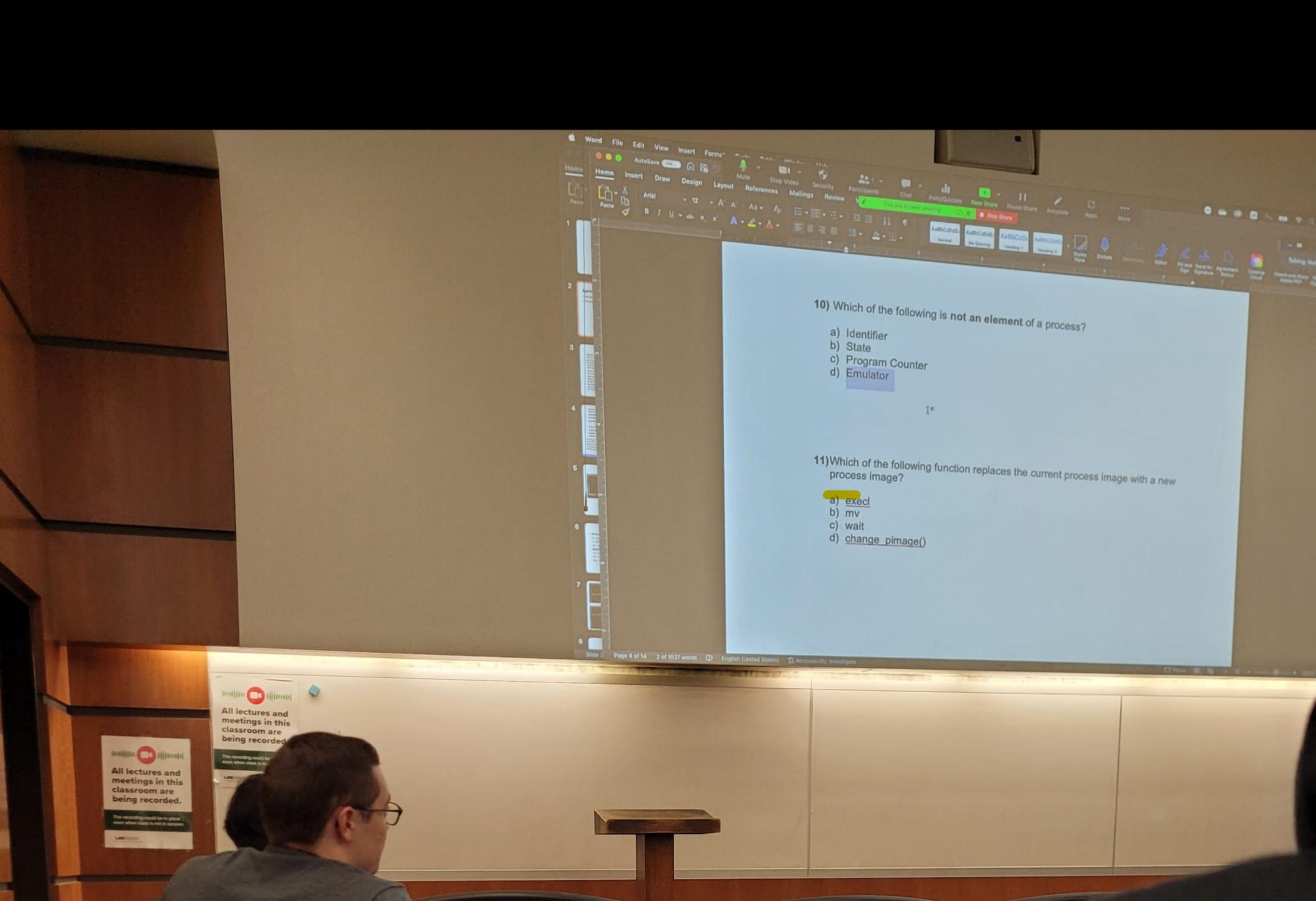


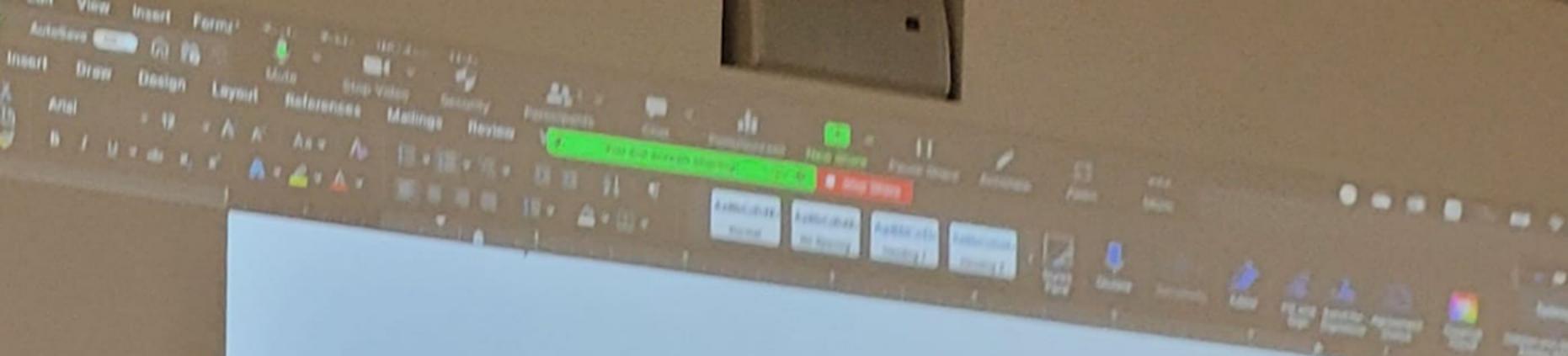
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- 9) Race condition and Deadlock are Group ALPHA a. concurrency issues

  - b. reliability
  - c. power-efficiency
  - d. security
- 10) Which of the following is not an element of a process?

  - State
  - c) Program Counter
  - d) Emulator



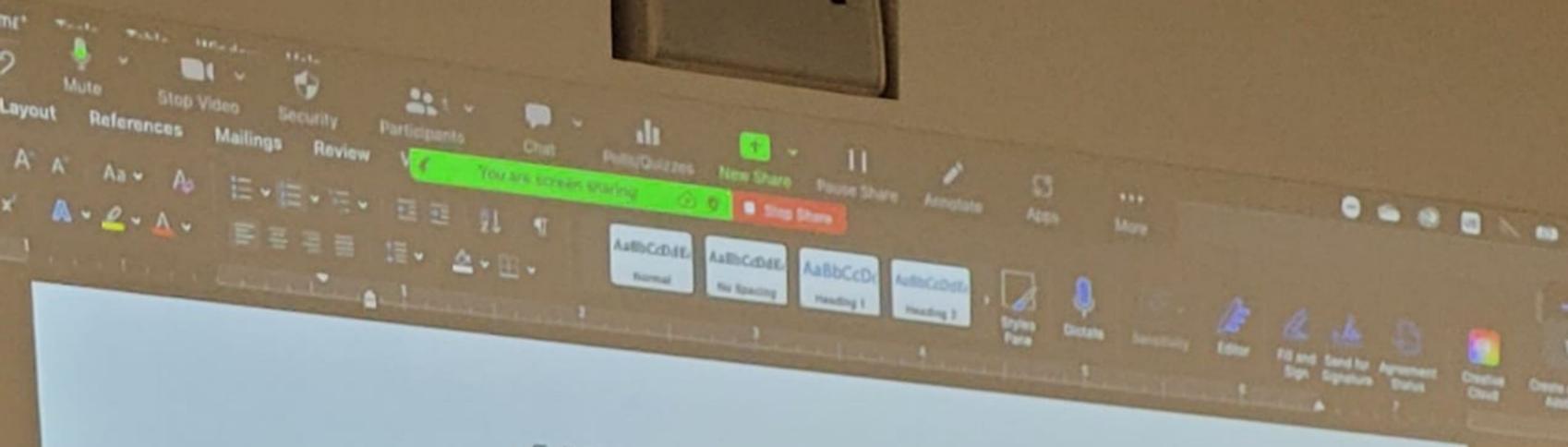


## 13) What will be the output of the following program?

```
int main()
 int a = 10, b, CL
b = ==01
0 = 0--1
printf("%d %d %d", A,D,C);
return 0/
```

- 890
- b) 889
- 6) 89 10
- d) 888

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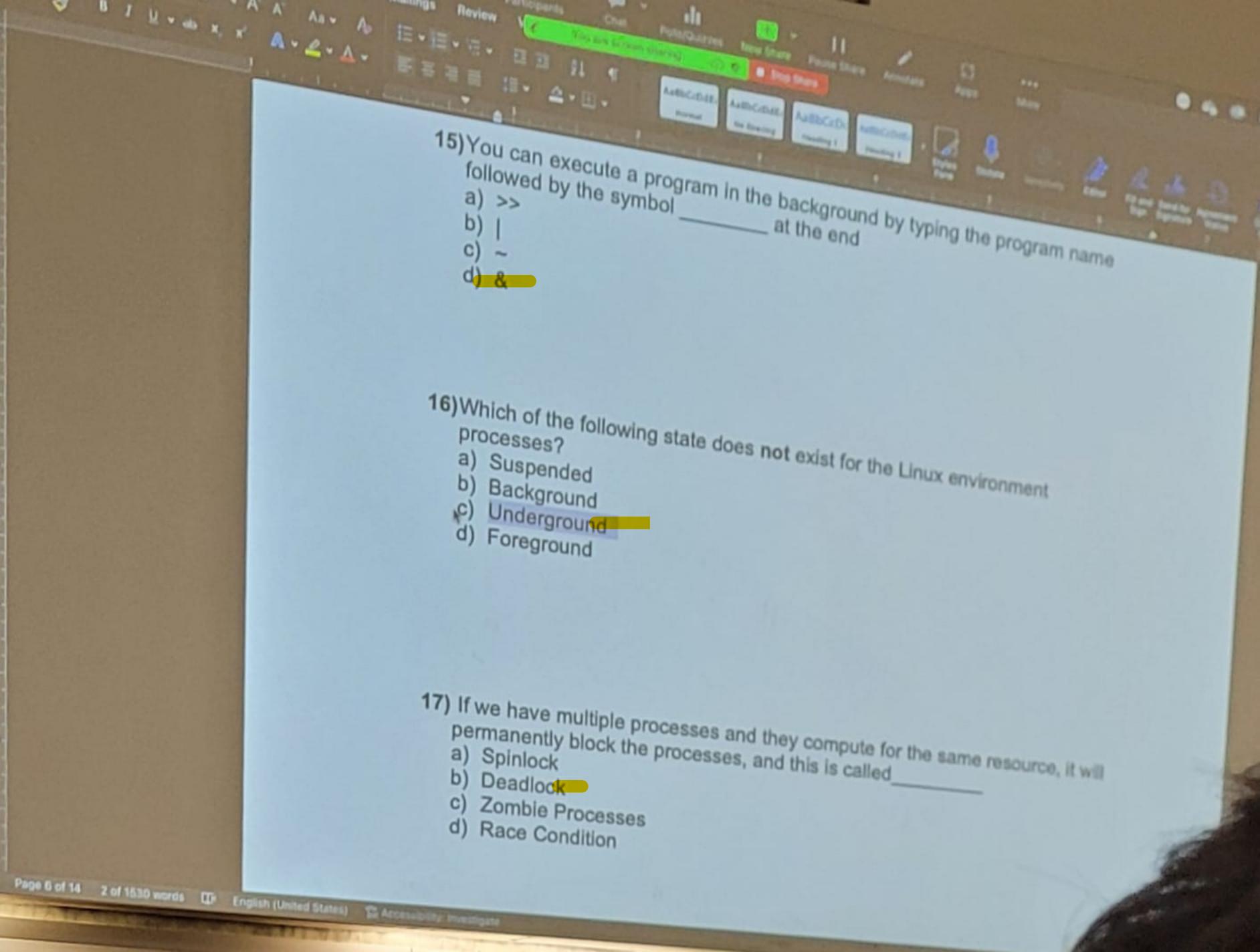


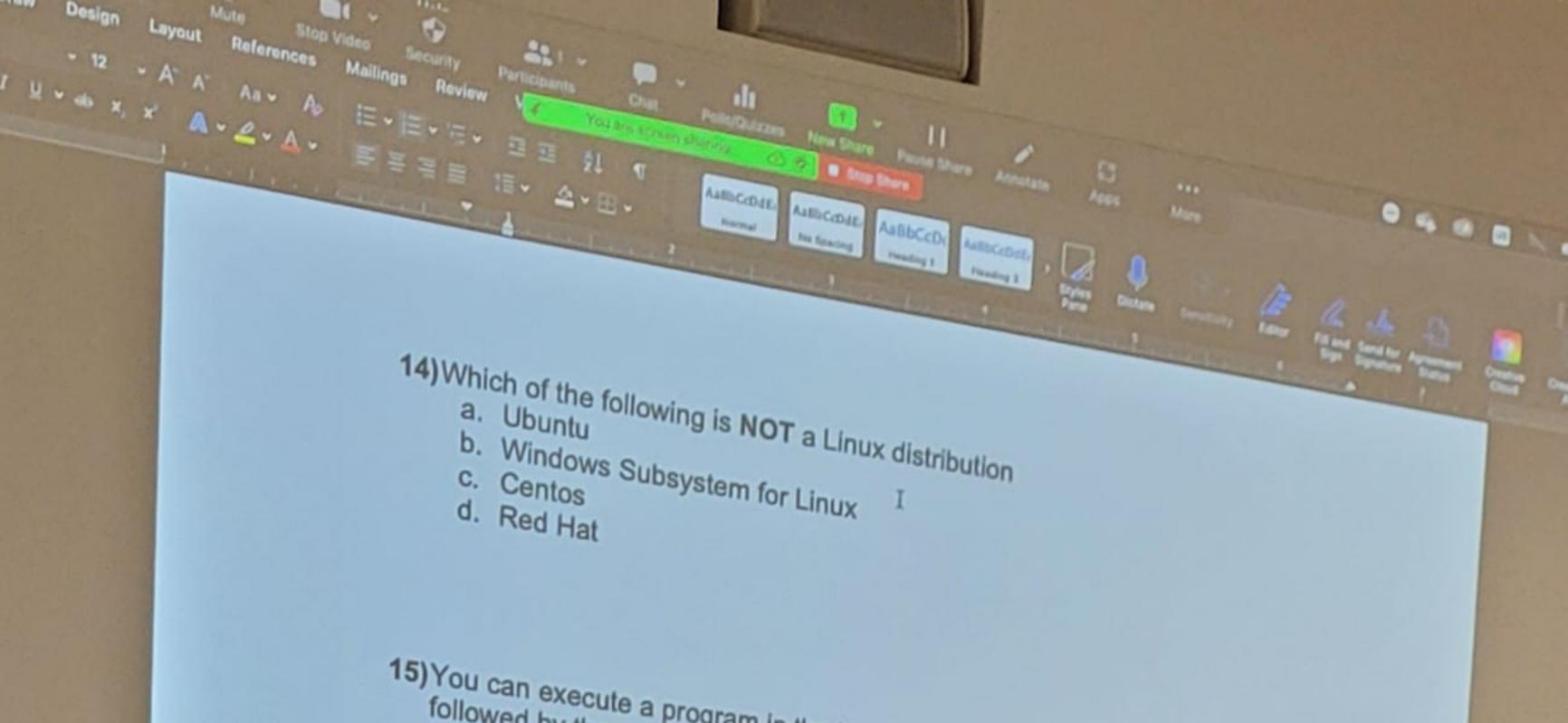
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14) Which of the following is NOT a Linux distribution a. Ubuntu

- b. Windows Subsystem for Linux
- c. Centos

- d. Red Hat
- 15) You can execute a program in the background by typing the program name followed by the symbol at the end
  - a) >>
  - b)
  - C)



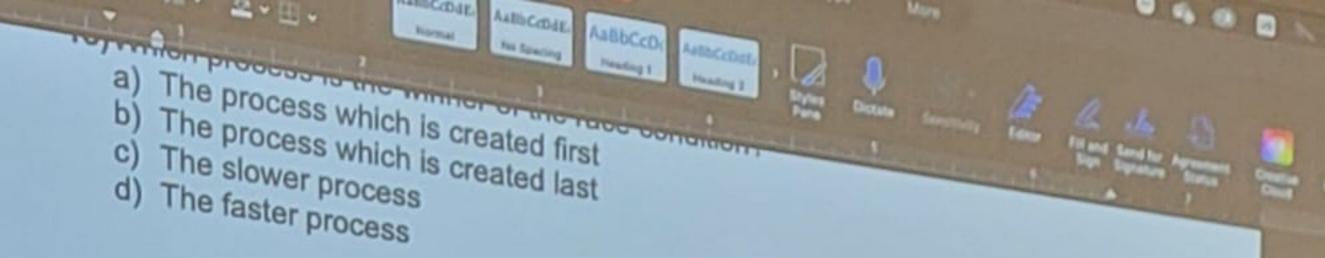


15) You can execute a program in the background by typing the program name

- C)
- d) &

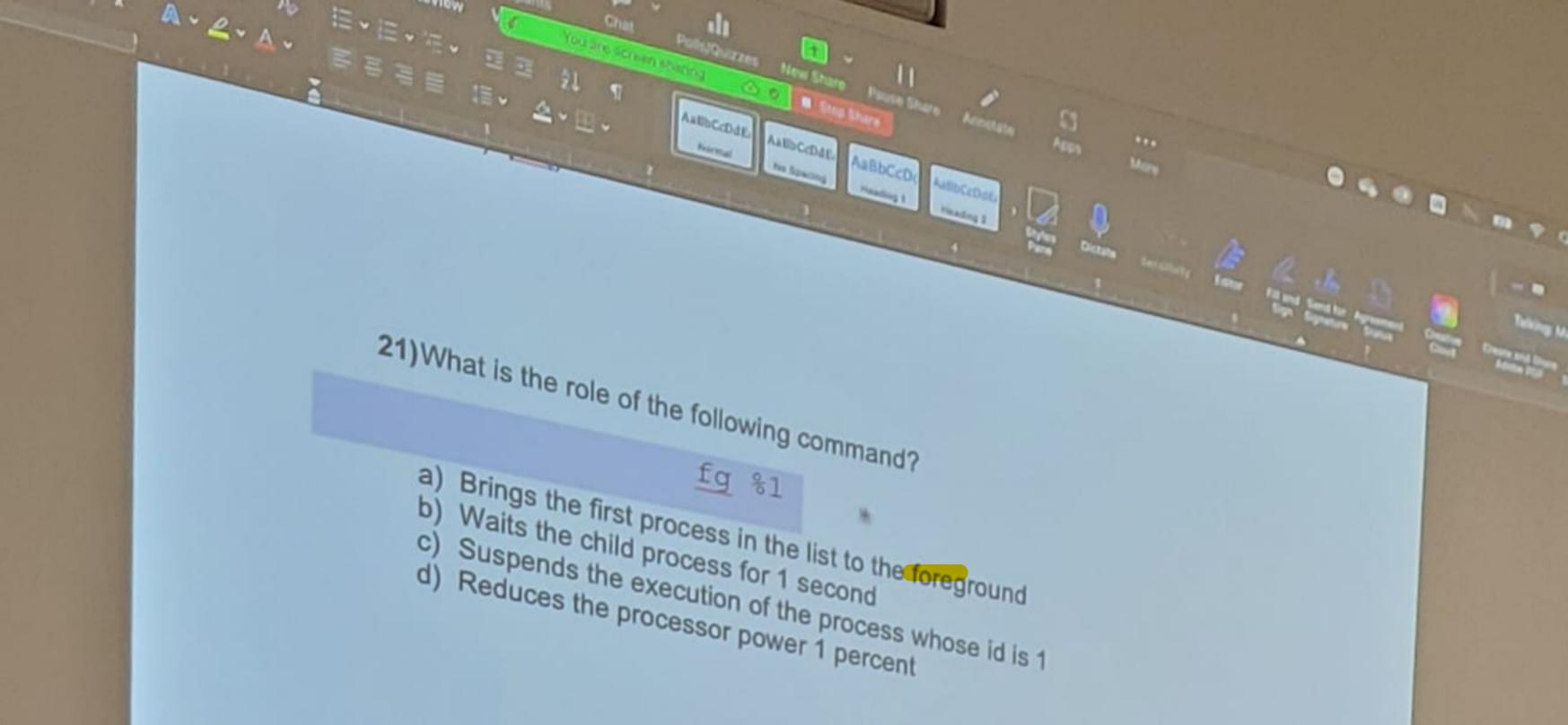
16) Which of the following state does not exist for the Linux environment

- Background
- Underground
- d) Foreground

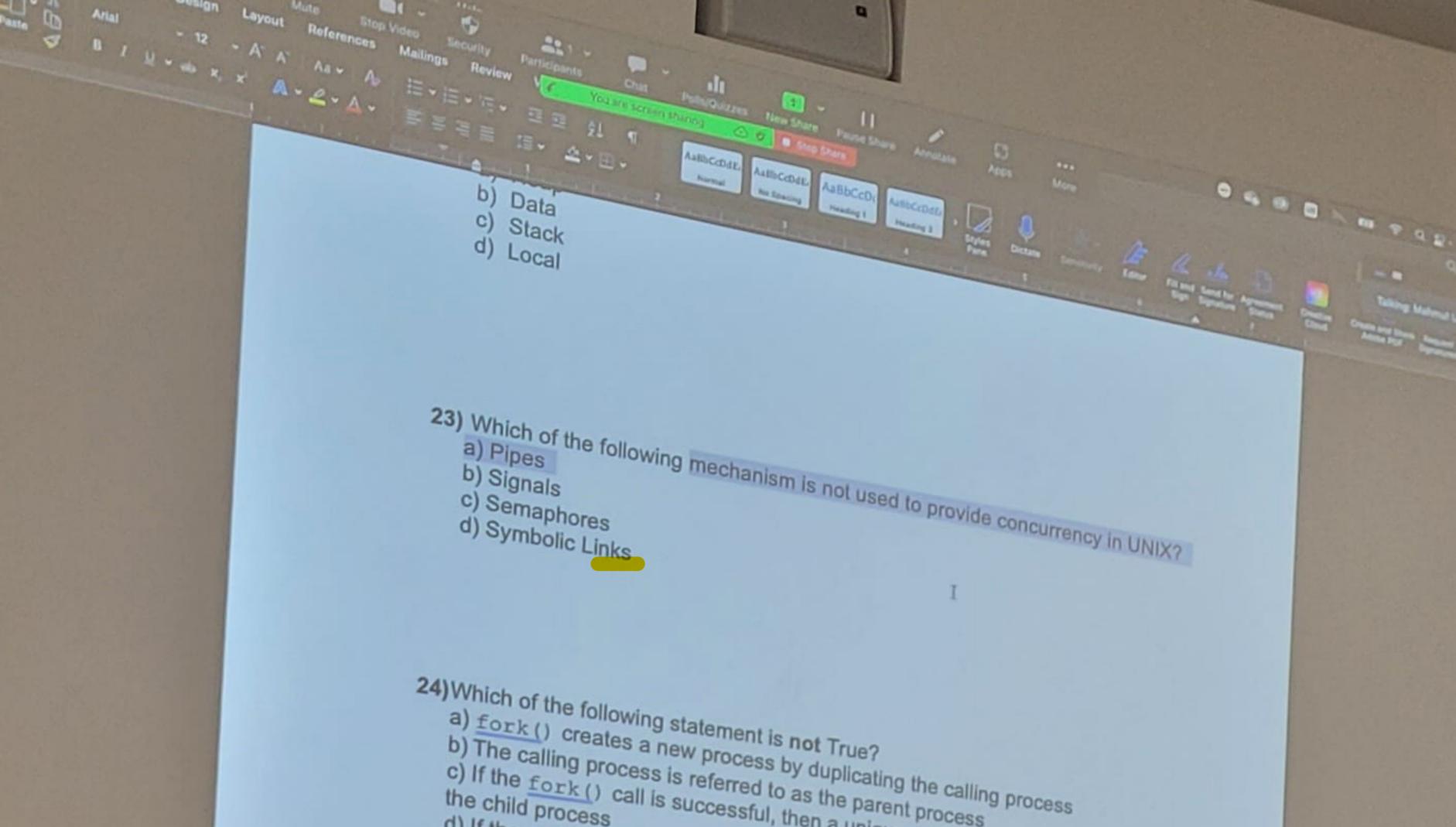


- 19) Which of the following function takes the arguments as a vector?

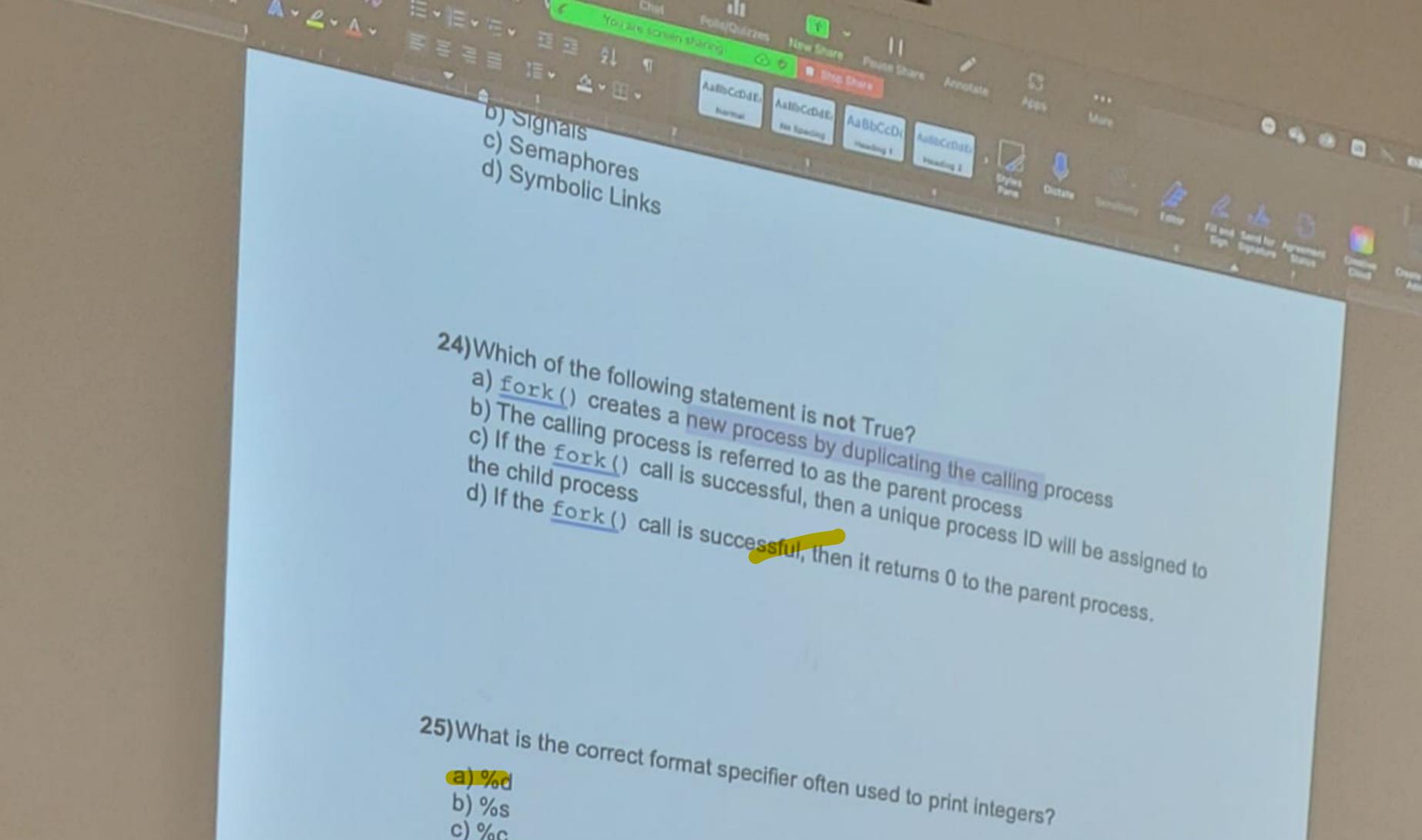
  - c) execlp
  - d) execistruct
- 20) Which of the following system calls returns the process id of the current
  - b) getpid()
  - c) getppid()
  - d) pid()



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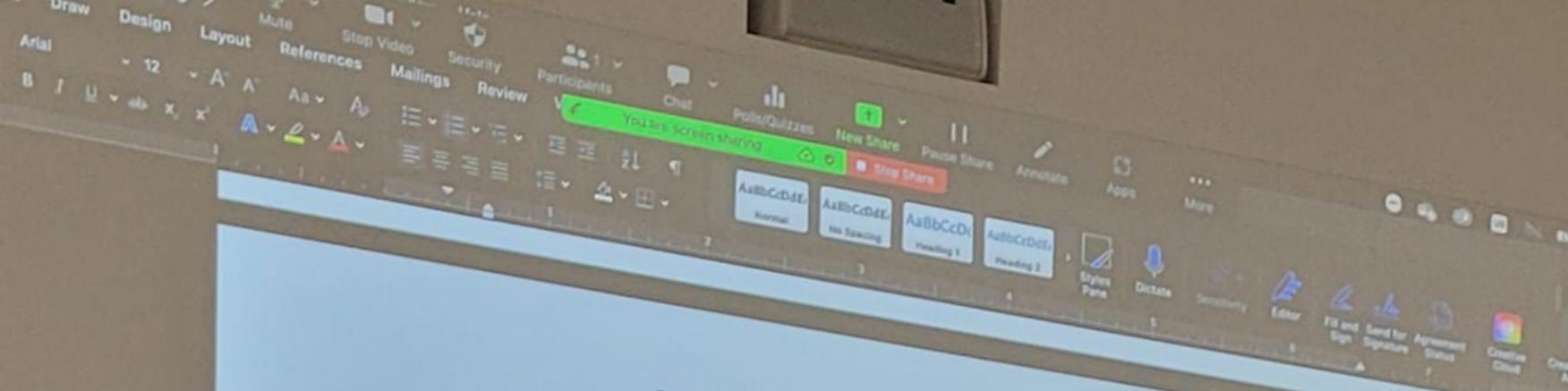


- b) The calling process is referred to as the parent process
- c) If the fork () call is successful, then a unique process ID will be assigned to
- d) If the fork () call is successful, then it returns 0 to the parent process.



c) %c

d) %f



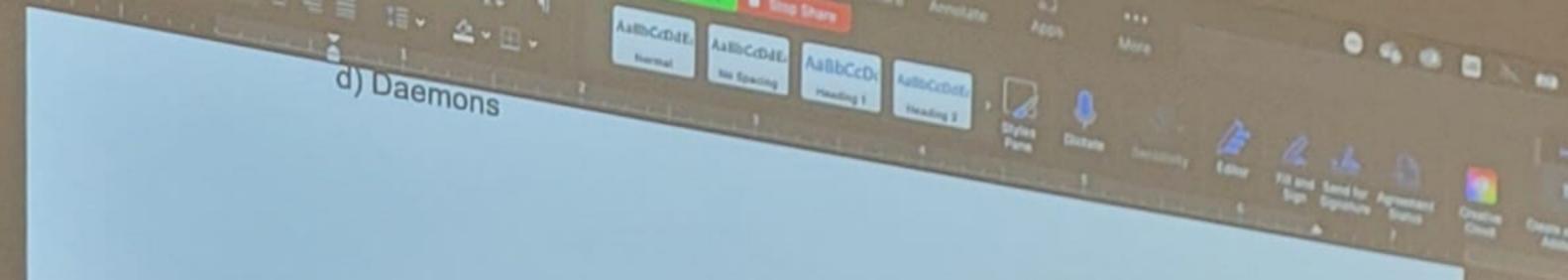
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- 26) There are special background processes that are started at system startup and they continue to run till the system is shutdown. These special background b) Threads

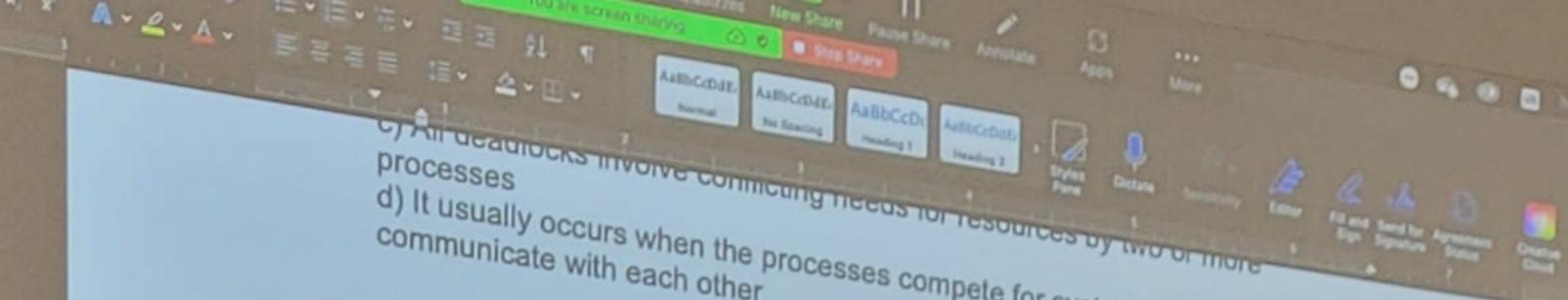
  - c) Zombies
  - d) Daemons

## 27) Which of the following statement is not True about the deadlocks?

- a) There is no single effective strategy that can deal with all types of deadlock
- c) All deadlocks involve conflicting needs for resources by two or more
- d) It usually occurs when the processes compete for system resources or



- 27) Which of the following statement is not True about the deadlocks?
  - a) There is no single effective strategy that can deal with all types of deadlock
  - c) All deadlocks involve conflicting needs for resources by two or more
  - d) It usually occurs when the processes compete for system resources or
- 28) is used to indicate that the pointer doesn't point to a valid location.
  - Free
  - b) Void
  - Null
  - d) Vacant



- d) It usually occurs when the processes compete for system resources or
- 28) is used to indicate that the pointer doesn't point to a valid location. a) Free

  - b) Void
  - (C) Null
  - d) Vacant

- 29) Which of the following command reads from the input.txt file and appends
  - a) ./myprog > input.txt >> output.txt
  - b) ./myprog < input.txt >> output.txt
  - c) ./myprog > input.txt 2> output.txt
  - d) None of the above

