

The complement of the set A is \_\_\_\_\_:

- A - B
- U - A
- A - U
- B - A

One of the services provided by the operating system:  
\_\_\_\_\_ The operating system loads the contents (or sections) of a file into memory and begins its execution.:

- File-system manipulation
- Program execution
- I/O operation
- Both a and b

Consider the following system state:

Process Max (  $P_i$  ) Loan (  $P_i$  )

P1      7          2

P2      5          2

P3      9          4

Total resources,  $t = 12$

The system will enter an unsafe state if \_\_\_\_\_.

select one:

- process P1 is allocated one additional resource
- process P3 is allocated three additional resources
- process P2 is allocated two additional resources
- process P2 is allocated one additional resource