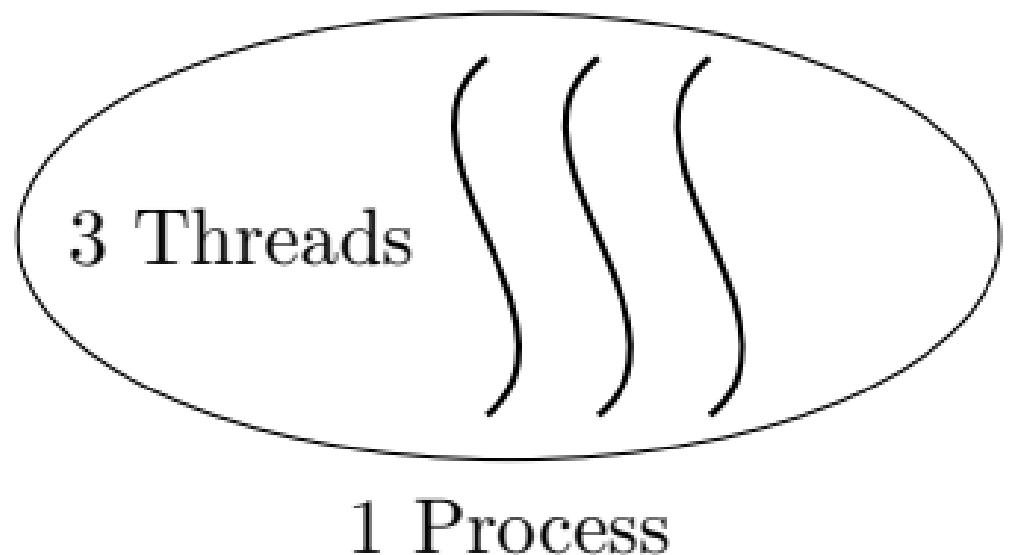
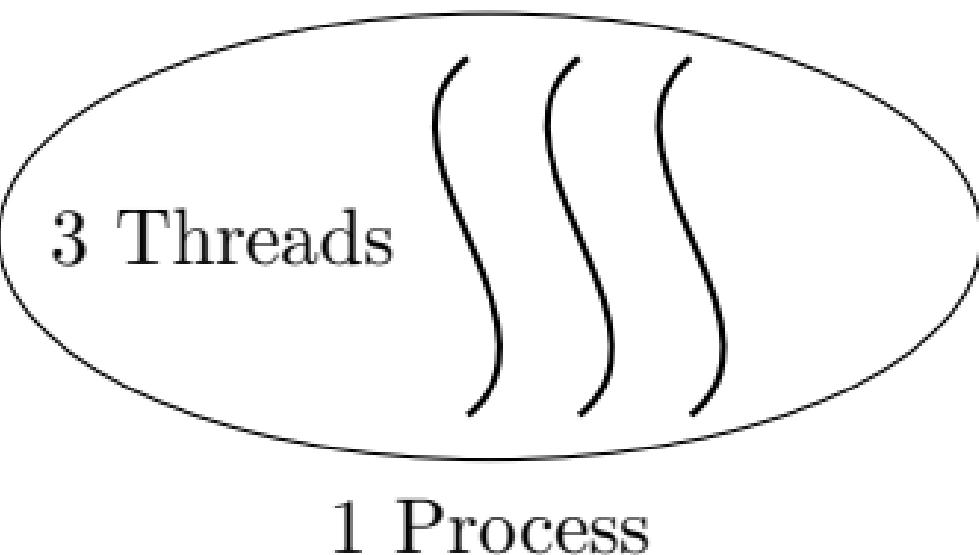
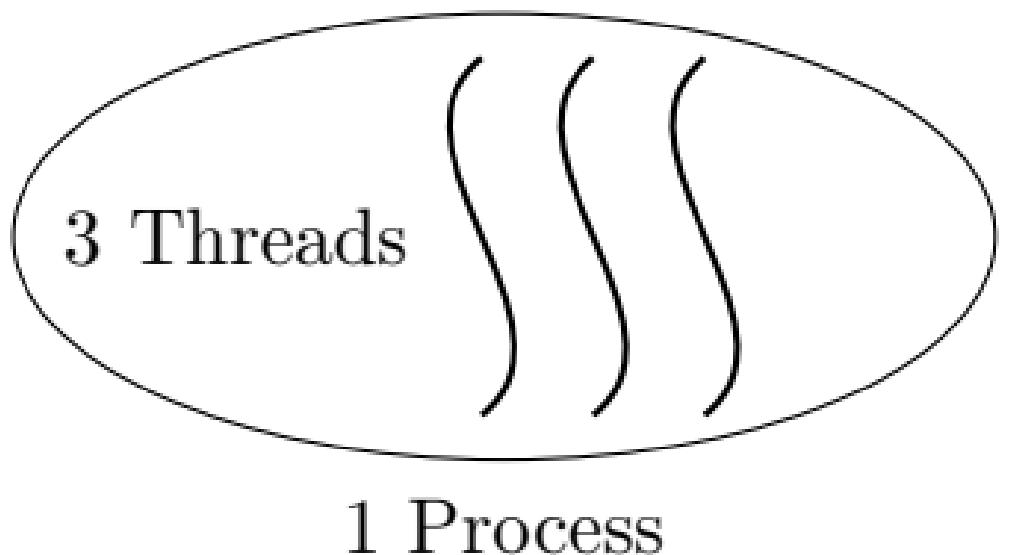
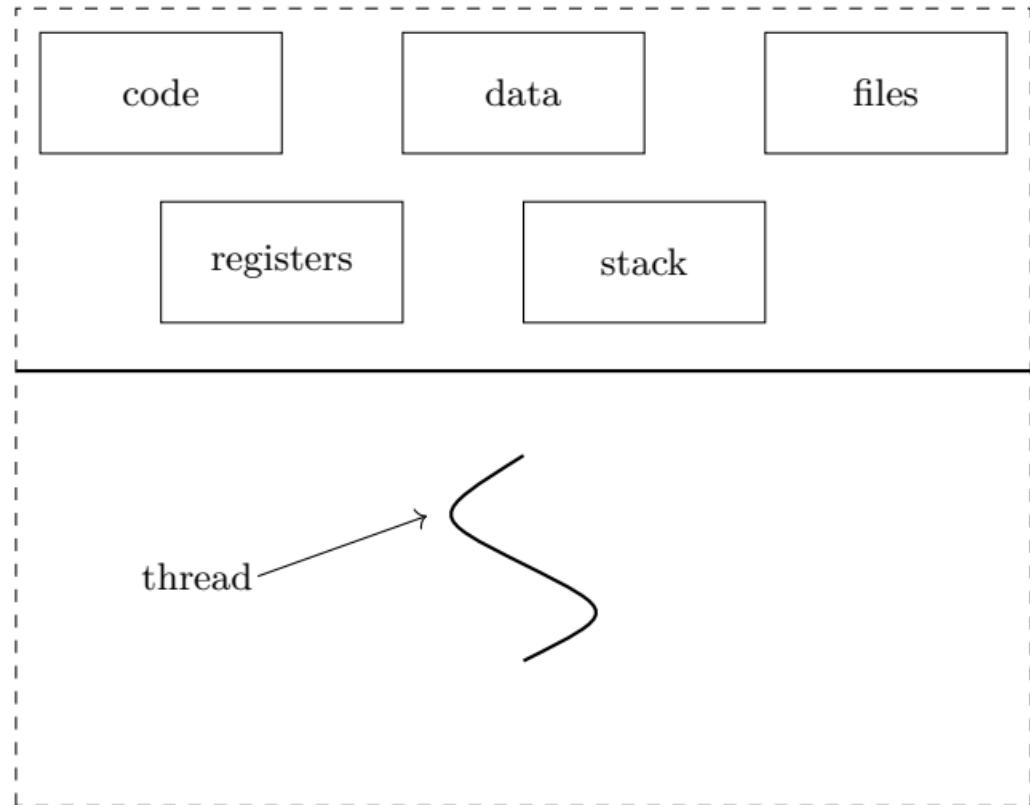


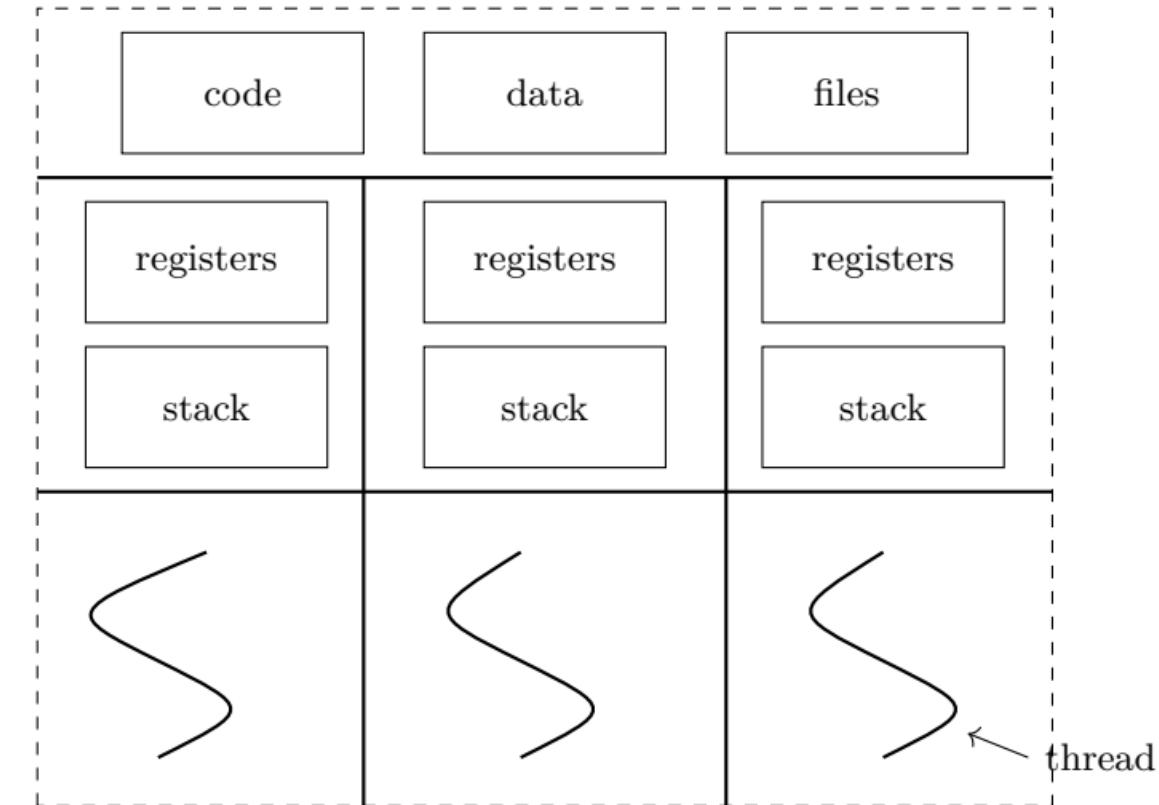
Many Process



single-threaded process



multithreaded process



High address

open file desc. table
kernel stack
command-line arg.
environment var.

Stack

(*kernel space*)

main(): &r, &p

f(): &k



Heap

Uninitialized
global / static data

Initialized
global / static data

Text / instructions

p

&gu (0)

&gi (7), &s (1)

main(), f(), exit()

```
int gi = 7;  
int gu;  
  
int f(int k){  
    static int s = 1;  
}  
  
int main(){  
    int r = f();  
    char *p = malloc();  
    exit(0);  
}
```

Initialized to 0 by exec()

Read from program file by exec()

Low address