#include<stdio.h>

#include<unistd.h>

#include<limits.h>

#include<string.h>

#include<stdlib.h>

#include<sys/types.h>

#include<sys/ipc.h>

#include<sys/shm.h>

#define SIZE 256

int main(int argc, char\* argv[])

{

int \*shm, shmid, k,pid;

key\_t key;

key=ftok(".","a"))==-1) shmid = shmget(key, SIZE, IPC\_CREAT | 0666);

shm = (int\*) shmat(shmid, 0, 0);

pid = fork();

if(pid==0) {

shm[0] = atoi(argv[1]);

shm[1] = atoi(argv[2]);

sleep(3);

printf("%d + %d = %d\n", shm[0], shm[1], shm[2]);

shmdt((void\*) shm);

shmctl(shmid, IPC\_RMID, (struct shmid\_ds\*) 0); return 0;

}

else if(pid >0) {

sleep(1);

shm[2] = shm[1] + shm[0];

shmdt((void\*) shm);

sleep(5); return 0;

}

else { perror("Fork failed.");

return 4; } return 0;

}