**Shared memory:**

**if ((int id = shmget(key, SHM\_SIZE, 0644 | IPC\_CREAT)) == -1) { }**

**char \*data = shmat(id, NULL, 0);**

**strcpy(data, "Hello Shared Memory !!");**

**shmctl(id, IPC\_RMID, NULL);**

**Message Queues**

**struct mesg\_buffer {**

**long mesg\_type;**

**char mesg\_text[100];**

**} send, recv;**

**if ((msqid = msgget(key, 0644 | IPC\_CREAT)) == -1) { }**

**send.mesg\_type = 1;**

**msgsnd(msqid, &send, sizeof(send), 0);**

**msgrcv(msqid, &recv, sizeof(recv), 1, 0);**

**msgctl(msqid, IPC\_RMID, NULL);**

**Pipes**

**int fd[2],**

**if ( pipe (fd) == -1) // fd[0] = read, fd[1] = write**

**Semaphores**

**sem\_t myMutex;**

**sem\_init (&myMutex, 0, 1); / sem\_destroy(&myMutex);**