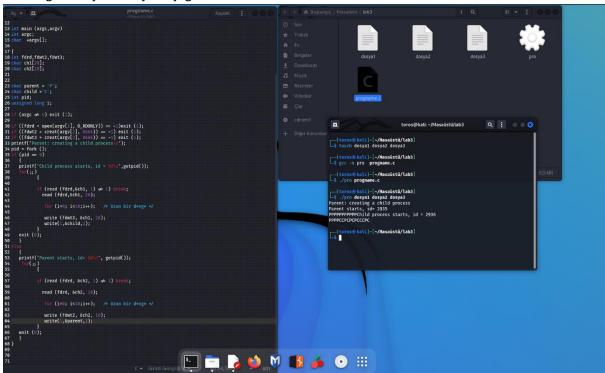
- 1. Lab3 adında klasör oluşturdum. İçine dosya1 adında kaynak dosyayı oluşturdum progname.c adında kod dosyasını bu klasöre oluşturdum.
- 2. Programı verilen N değerleri için derleyip birleştiridm.
- 3. Programı N nin her değeri için birden fazla kez çalıştrıdım, dosyalar hiç aynı olmadı.
- 4. N değerleri için sonuçlar aşağıdadır.



```
toros@kali:~/Masaüstü/lab3

_\(\text{(toros@kali)}-[\times/Masaüstü/lab3]}\)
\text{toros@kali}-[\times/Masaüstü/lab3]}\)
\(\text{scc -o pro progname.c}\)
\(\text{(toros@kali)}-[\times/Masaüstü/lab3]}\)
\(\text{./pro progname.c}\)
\(\text{(toros@kali)}-[\times/Masaüstü/lab3]}\)
\(\text{./pro dosya1 dosya2 dosya3}\)
\(\text{Parent: creating a child process}\)
\(\text{Parent: creating a child process}\)
\(\text{Parent: starts, id= 2935}\)
\(\text{PPPPPPPPPPPPPPPPICHID process starts, id = 2936}\)
\(\text{PPPPCCPCCCCCCC}\)
\(\text{(toros@kali)}-[\times/Masaüstü/lab3]\)
\(\text{\left}\)
```

```
| Copyalme.cc | 1 | Colgahan tores | Serik | 2 | Colgahan tores | Serik | 3 | Colgahan tores | Serik | 3 | Colgahan tores | Serik | 4 | Colgahan tores | Serik | 5 | Colgahan tores | Serik | 6 | Colgahan tores | Serik | 7 | Colgahan tores | Serik | 8 | Colgahan tores | Serik | 9 | Colgahan tores | Serik |
```

N=5000

```
| Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Comp
```

N = 10000

```
dosya1

dosya1

dosya2

dosya2

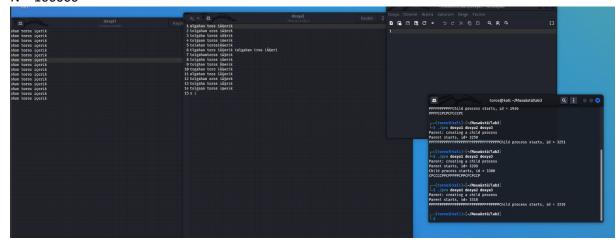
Ac = 1

dosya2

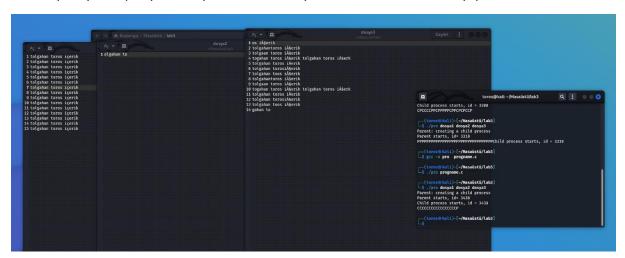
los ideria

los id
```

N = 100000



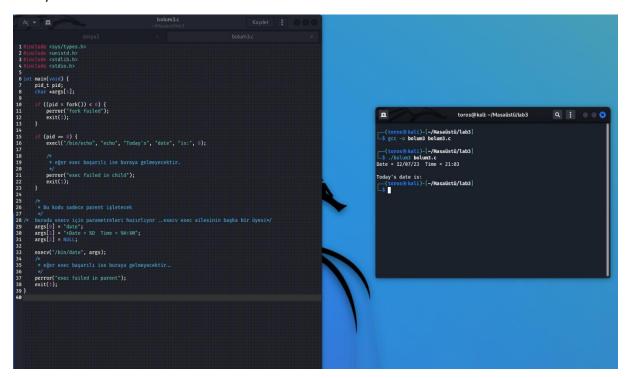
2.2 Dosya kaydedilip kaynak dosya okuması child yaratıldıktan hemen sonra yapıldı

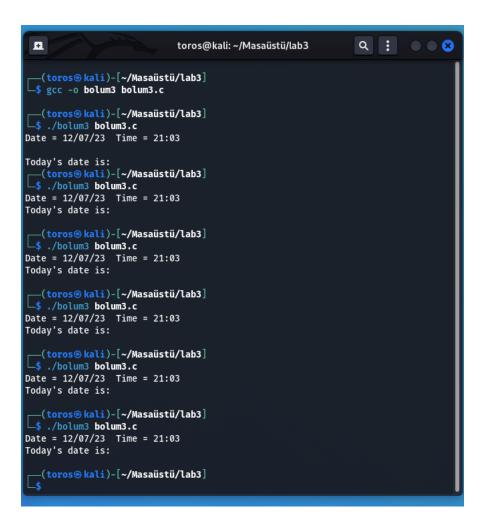


Beklemeler devre dışı bırakıldı

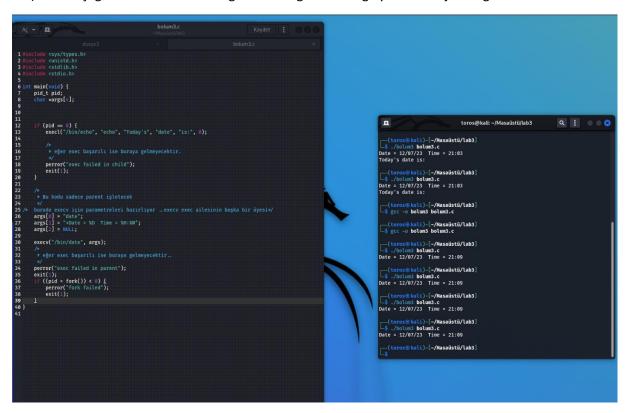
Dosya içerikleri aynı olmadı ama benzerlik oranları biraz daha arttı.

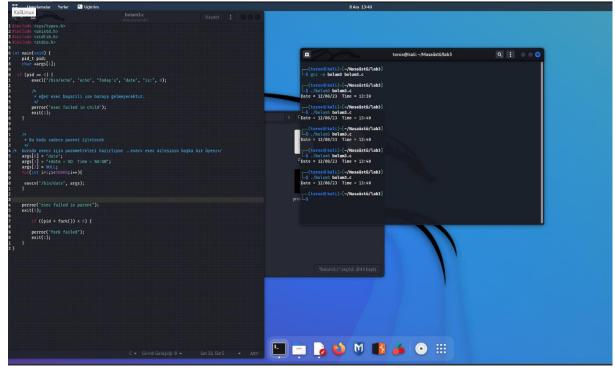
3.3) Sistem işlemi ile child prosesi mesajları karışık olarak ekrana yazdılar. Genellikle sıra doğruydu. Ama yine de bir rastlantısallıktan bahsedilebilir.

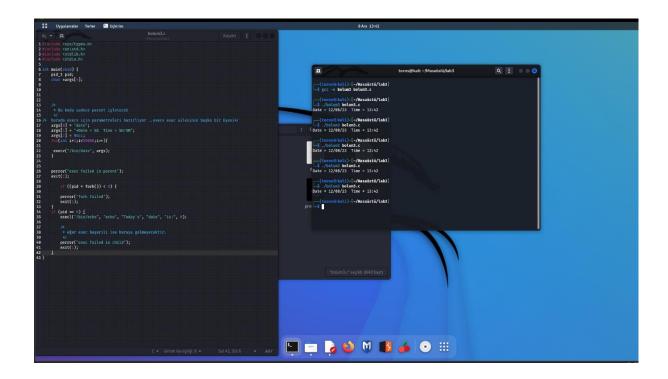




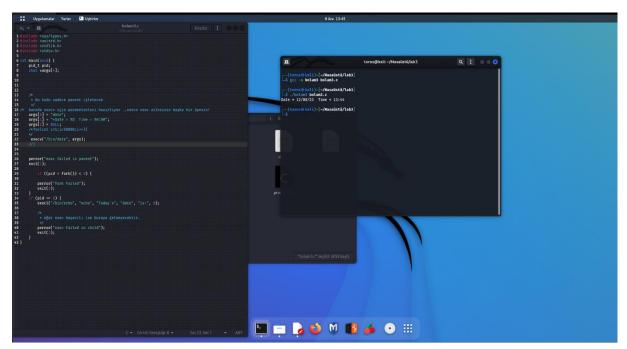
3.4) Sistem çağrısından önce for döngüsü ile bir gecikme sağlayınca mesajlar doğru sırada verildi







3.5) Sistem çağrısını programın başına yazınca sadece parent işlem ekrana tarihi yazdı. Child hiç çalışmadı. Sistem (parent) prosesi fork ile üretilen bir child prosesten daha öncelikli, hatta childi görmezden geldi sanki



3.6)

execl: yeni bir işlem imajı oluşturuyor ve parametre olarak liste alıyor

execv: yeni bir işlem imajı oluşturuyor ancak parametre olarak vektor argumanlar kullanıyor