

**Gebze Technical University
Computer Engineering**

**CSE 344
System Programming**

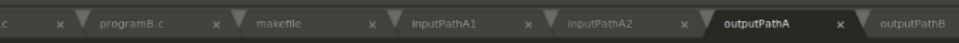
HOMEWORK 1 REPORT

**SEDA KANIK
151044068**

programB.c dosyasında, terminalden alınan komut ile dosya isimleri, uykuda bekleme zamanı gibi değişkenlere atamalar gerçekleştirildi. Random alınan bir sayının modu dosya içerisindeki satır sayısına göre hesaplandı ve random bir line elde edildi. Bu line’da bulunan complex sayılara erişim oldu fakat daha fazlası yapılamadı.

```
p/System/1/inputPathA1 - Sublime Text (UNREGISTERED)
1 a1a2a3a4a5a6a7a8a9a1a2a3a4a5a6a7lll
2
3 s1s2s3s4s5s6s7s8s9s1s2s3s4s5s6s7hhhhhhhhhhhhhhhhhhhhssssss
```

```
op/System/1/InputPathA2 - Sublime Text (UNREGISTERED)
1 w5w4w8r5f4t7f4c1c5f4t8h5j6u9h2b1v5c4d5f8d5s2x1
2 s4d5f4v1b2t8g8g5g6g2f2f2f2f1d1d1d0d1d4d4d4d5d6d
3
4 8a6s5d2c1x5d6s9e8f5
5
```



```
sed@sed: ~/Desktop/System/1
sed@sed:~/Desktop/System/1$ make all
gcc programA.c -o programA
gcc programA.c -o programA
gcc programB.c -o programB
gcc programB.c -o programB
sed@sed:~/Desktop/System/1$ ./programA -i inputPathA1 -o outputPathA -t 20
```

[illegible]

```

1 97 +149,97 +150,97 +151,97 +152,97 +153,97 +154,97 +155,97 +156,97 +157,97 +149,97 +150,97 +151,97 +152,97 +153,97 +154,97 +155,
2 108 +1108,108 +1115,149 +1115,150 +1115,151 +1115,152 +1115,153 +1115,154 +1115,155 +1115,156 +1115,157 +1115,149 +1115,150 +1115,151 +1115,152 +1115,153 +1115,
3 154 +1115,155 +1104,104 +1104,104 +1104,104 +1104,104 +1104,104 +1104,104 +1104,104 +1104,104 +1104,104 +1104,104 +1104,115 +1115,115 +1115,115 +1115,
4 119 +1153,119 +1152,119 +1156,114 +1153,102 +1152,116 +1155,102 +1152,199 +1149,199 +1153,102 +1152,116 +1156,104 +1153,106 +1154,117 +1157,104 +1150,108 +1149,
5 118 +1153,199 +1152,100 +1153,102 +1156,100 +1153,115 +1150,120 +1149,115 +1152,100 +1153,102 +1152,118 +1149,198 +1150,116 +1156,103 +1156,103 +1156,103 +1153,
6 103 +1154,103 +1154,103 +1150,102 +1150,102 +1150,102 +1150,102 +1150,102 +1149,100 +1149,100 +1149,100 +1148,100 +1149,100 +1152,100 +1152,100 +1152,100 +1153,
7

```

```

programA.c x programB.c x makefile x inputPathA1 x inputPathA2 x outputPathA x outputPathB x
1

sed@sed: ~/Desktop/System/1
sed@sed:~/Desktop/System/1$ make all
gcc programA.c -o programA
gcc programA.c -o programA
gcc programB.c -o programB
gcc programB.c -o programB
sed@sed:~/Desktop/System/1$ ./programA -i inputPathA1 -o outputPathA -t 2

```

```
programA.c x programB.c x makefile x inputPathA1 x inputPathA2 x outputPathA x outputPathB
```

```
1 97 +149,97 +150,97 +151,97 +152,97 +153,97 +154,97 +155,97 +156,97 +157,97 +149,97 +150,97 +151,97 +152,97 +154,97 +155,  
2 108 +108,108 +115,149 +115,150 +115,151 +115,152 +115,153 +115,154 +115,155 +115,156 +115,157 +115,149 +115,150 +115,151 +115,152 +115,153 +115,  
3 154 +115,155 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104 +104,104  
4 119 +115,119 +115,119 +115,114 +115,102 +115,116 +115,102 +115,119 +119,119 +115,102 +115,102 +115,102 +115,102 +115,102 +115,102 +115,102 +115,102  
5 118 +115,199 +115,100 +115,102 +115,100 +115,115 +115,120 +114,115 +115,100 +115,102 +115,118 +114,198 +115,116 +115,103 +115,103 +115,103 +115,  
6 103 +115,103 +115,103 +115,102 +115,102 +115,102 +115,102 +115,102 +114,100 +114,100 +114,100 +114,100 +115,100 +115,100 +115,100 +115,  
7  
7
```

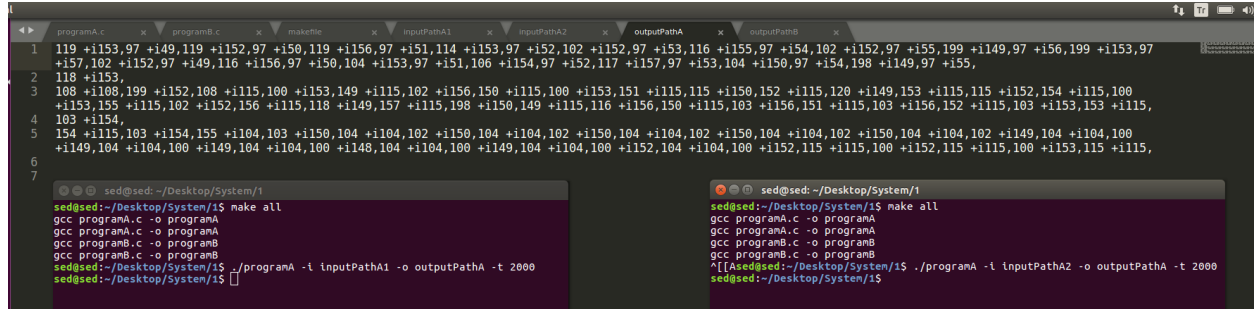
```
sed@sed: ~/Desktop/System/1  
  
sed$ sed -e /Desktop/System/1 $ make all  
gcc programA.c -o programA  
gcc programA.c -o programA  
gcc programB.c -o programB  
gcc programB.c -o programB  
sed$ sed -e /Desktop/System/1 $ ./programA -l inputPathA1 -o outputPathA -t 200  
sed$ sed -e /Desktop/System/1 $
```

```
programA.c x programB.c x makefile x InputPathA1 x InputPathA2 x OutputPathA x OutputPathB x
1 97 +149,119 +1153,97 +150,119 +1152,97 +151,119 +1156,97 +152,114 +1153,97 +153,102 +1152,97 +154,116 +1155,97 +155,102 +1152,97 +156,199 +149,97 +157,199
+1153,97 +149,102 +1152,97 +150,116 +1156,

sed@sed: ~/Desktop/System/1
sed@sed:~/Desktop/System/1$ make all
gcc programA.c -o programA
gcc programA.c -o programA
gcc programB.c -o programB
gcc programB.c -o programB
gcc programB.c -o programB
sed@sed:~/Desktop/System/1$ ./programA -l InputPathA1 -o OutputPathA -t 2000

sed@sed:~/Desktop/System/1$ make all
gcc programA.c -o programA
gcc programA.c -o programA
gcc programB.c -o programB
gcc programB.c -o programB
gcc programB.c -o programB
sed@sed:~/Desktop/System/1$ ./programA -l InputPathA2 -o OutputPathA -t 2000
```

outputPathA dosyası bu şekilde tek satırda 16'dan fazla complex sayı olacak şekilde oluşuyor fakat sonrasında oluşan satıra artan complex sayılar basılıyor



```
programA.c x programB.c x makefile x inputPathA1 x inputPathA2 x outputPathA x outputPathB x
1 119 +i153,97 +i49,119 +i152,97 +i50,119 +i156,97 +i51,114 +i153,97 +i52,102 +i152,97 +i53,116 +i155,97 +i54,102 +i152,97 +i55,199 +i149,97 +i56,199 +i153,97
+i57,102 +i152,97 +i49,116 +i156,97 +i50,104 +i153,97 +i51,106 +i154,97 +i52,117 +i157,97 +i53,104 +i150,97 +i54,198 +i149,97 +i55,
2 118 +i153,
3 108 +i108,199 +i152,108 +i115,100 +i153,149 +i115,102 +i156,150 +i115,100 +i153,151 +i115,115 +i150,152 +i115,120 +i149,153 +i115,115 +i152,154 +i115,100
+i153,155 +i115,102 +i152,156 +i115,118 +i149,157 +i115,198 +i150,149 +i115,116 +i156,150 +i115,103 +i156,151 +i115,103 +i156,152 +i115,103 +i153,153 +i115,
4 103 +i154,
5 154 +i115,103 +i154,155 +i104,103 +i150,104 +i104,102 +i150,104 +i104,102 +i150,104 +i104,102 +i150,104 +i104,102 +i150,104 +i104,102 +i149,104 +i104,100
+i149,104 +i104,100 +i149,104 +i104,100 +i148,104 +i104,100 +i149,104 +i104,100 +i152,104 +i104,100 +i152,115 +i115,100 +i152,115 +i115,100 +i153,115 +i115,
6
7

sed@sed: ~/Desktop/System/1
sed$ sed:~/Desktop/System/1$ make all
gcc programA.c -o programA
gcc programA.c -o programA
gcc programB.c -o programB
gcc programB.c -o programB
sed$ sed:~/Desktop/System/1$ ./programA -i inputPathA1 -o outputPathA -t 2000
sed$ sed:~/Desktop/System/1$
```

```
sed@sed: ~/Desktop/System/1
sed$ sed:~/Desktop/System/1$ make all
gcc programA.c -o programA
gcc programA.c -o programA
gcc programB.c -o programB
gcc programB.c -o programB
sed$ sed:~/Desktop/System/1$ ./programA -i inputPathA2 -o outputPathA -t 2000
sed$ sed:~/Desktop/System/1$
```