

LAB 5 Ex1

sample outputs with $n = 4$ and $n = 6$

```
vulgaris@vulgaris:~/Documents/OS/LAB5$ ./test3 4
```

```
vulgaris@vulgaris:~/Documents/OS/LAB5\$
```

```
vulgaris@vulgaris:~/Documents/OS/LAB5$ cat F1.txt
```

```
382949
```

```
693246
```

```
714925
```

```
964638
```

```
vulgaris@vulgaris:~/Documents/OS/LAB5$ cat F2.txt
```

```
144638
```

```
425517
```

```
488961
```

```
906997
```

```
vulgaris@vulgaris:~/Documents/OS/LAB5$ cat F12.sorted
```

```
144638
```

```
382949
```

```
425517
```

```
488961
```

```
693246
```

```
714925
```

```
906997
```

```
964638
```

```
vulgaris@vulgaris:~/Documents/OS/LAB5$ ./test3 6
```

```
vulgaris@vulgaris:~/Documents/OS/LAB5$ cat F1.txt
```

```
102584
```

```
237823
```

```
847837
```

```
916609
```

```
937336
```

```
979393
```

```
vulgaris@vulgaris:~/Documents/OS/LAB5$ cat F2.txt
```

```
509029
```

```
516295
```

```
567025
```

```
578737
```

```
735814
```

```
739605
```

```
vulgaris@vulgaris:~/Documents/OS/LAB5$ cat F12.sorted
```

```
102584
```

```
237823
```

```
509029
```

```
516295
```

```
567025
```

```
578737
```

```
735814
```

```
739605
```

```
847837
```

```
916609
```

```
847837
```

```
937336
```