

Exact execution times

```
real    1m40.063s
user    1m38.906s
sys     0m1.109s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    1m56.530s
user    1m54.984s
sys     0m1.344s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    2m10.077s
user    2m8.547s
sys     0m1.297s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    2m23.865s
user    2m22.344s
sys     0m1.484s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    2m42.834s
user    2m41.125s
sys     0m1.531s
Process returned 0
```

1lakh - 5lakh

```
real    0m15.025s
user    0m14.859s
sys     0m0.156s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    0m33.592s
user    0m33.313s
sys     0m0.234s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    0m51.192s
user    0m50.813s
sys     0m0.359s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    1m5.320s
user    1m4.578s
sys     0m0.625s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    1m20.801s
user    1m19.891s
sys     0m0.750s
Process returned 0
```

6lakh -10lakh

Nlogn

Exact execution times

```
real    1m33.422s
user    1m33.234s
sys     0m0.141s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    5m49.717s
user    5m48.172s
sys     0m0.422s
Process returned 0
aishubun@DESKTOP-EQIM
```

```
real    12m43.440s
user    12m32.172s
sys     0m0.828s
Process returned 0
aishubun@DESKTOP-EQIM
```

1lakh - 3lakh