Parsa Kazerooni _19011915-Ödev2

Yöntem

Reklam (Start, duration, Value)

index:
$$i$$
, end= Start + duration

 $i \mid 0 \mid 1 \mid 2 \mid 3 \mid 4$
 $P(i) \mid 0 \mid 1 \mid 2 \mid 3 \mid 4$

Recurrence Relation

Uygulama

```
> ./a.out
Enter the number of advertisements: 6
533
947
1169
475
132
253
| ID | Start | End | Value |
ID: 1 | START: 5 | END: 8 | VALUE: 3
ID: 2 | START: 9 | END: 13 | VALUE: 7
ID: 3 | START: 11 | END: 17 | VALUE: 9
ID: 4 | START: 4 | END: 11 | VALUE: 5
ID: 5 | START: 1 | END: 4 | VALUE: 2
ID: 6 | START: 2 | END: 7 | VALUE: 3
After sorting:
| ID | Start | End | Value |
ID: 5 | START: 1 | END: 4 | VALUE: 2
ID: 6 | START: 2 | END: 7 | VALUE: 3
ID: 1 | START: 5 | END: 8 | VALUE: 3
ID: 4 | START: 4 | END: 11 | VALUE: 5
ID: 2 | START: 9 | END: 13 | VALUE: 7
ID: 3 | START: 11 | END: 17 | VALUE: 9
Profits:
03351014
Max Profit = 14
Using the ads with id:
6423
```