```
? 1
Simulation: 1
 Recursion: 1


? 2
Simulation: 1
 Recursion: 1


? 3
Simulation: 3
 Recursion: 3


? 4
Simulation: 1
 Recursion: 1


? 5
Simulation: 3
 Recursion: 3


? 6
Simulation: 5
 Recursion: 5


? 7
Simulation: 7
 Recursion: 7


? 8
Simulation: 1
 Recursion: 1


? 8
Simulation: 1
```

```
  Recursion: 1

? 10
Simulation: 5
  Recursion: 5

? 11
Simulation: 7
  Recursion: 7

? 12
Simulation: 9
  Recursion: 9

? 13
Simulation: 11
  Recursion: 11

? 14
Simulation: 13
  Recursion: 13

? 15
Simulation: 15
  Recursion: 15

? 20
Simulation: 9
  Recursion: 9

? 80
Simulation: 33
  Recursion: 33
```

```
? -1
Bye, ...
계속하려면 아무 키나 누르십시오 . . .
```