18655 Homework 6

Result Screen Shot with Bonus

1. Basic Search with keyword "algorithm", skip 0 and then print first 15 result

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Basic Search I Search In large Range
Search "algorithm" TOP 15 Records
No.1 idKey: journals/acta/SackS85; Title: An Algorithm for Merging Heaps.; Year: 1985; author 1: Jörg-Rüdiger Sac
No.2 idKey: journals/acta/Gries73; Title: Describing an Algorithm by Hopcroft; Year: 1973; author 1: David Gries;
No.3 idKey: journals/acta/Ranzato14; Title: An efficient simulation algorithm on Kripke structures.; Year: 2014; a
No.4 idKey: journals/acta/Ranzato14; Title: An efficient algorithm for finding ideal schedules.; Year: 2012; aut
No.5 idKey: journals/acta/Hesselink06a; Title: Refinement verification of the lazy caching algorithm.; Year: 2006;
No.6 idKey: journals/acta/Gries79; Title: The Schorr-Waite Graph Marking Algorithm.; Year: 1979; author 1: David
No.7 idKey: journals/acta/KouMB81; Title: A Fast Algorithm for Steiner Trees.; Year: 1981; author 1: Lawrence T.
No.8 idKey: journals/acta/Galil80a; Title: Algorithm for the Maximal Flow Problem.; Year: 1980; author 1: Zvi Gal
No.9 idKey: journals/acta/CorradiniBV09; Title: Liveness of a mutex algorithm in a fair process algebra.; Year: 20
No.10 idKey: journals/acta/HusarR87; Title: A Linear Space Algorithm for the LCS Problem.; Year: 1987; author 1:
No.11 idKey: journals/acta/HusarR87; Title: A distributed resource allocation algorithm for many processes.; Ye
No.12 idKey: journals/acta/HinrichsNS92; Title: An All-Round Sweep Algorithm for 2-Dimensional Nearest-Neighbor Pro
No.13 idKey: journals/acta/FischerM92; Title: A Simple, Fast, and Effective LL(1) Error Repair Algorithm.; Year: 1
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2. Basic Search with keyword "algorithm", skip 5 and then print first 15 results

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Basic Search 2 Search In small Range
Skip top 5 and Print 15 results
No.1 idKey: journals/acta/Gries79; Title: The Schorr-Waite Graph Marking Algorithm.; Year: 1979; author 1: David No.2 idKey: journals/acta/KouMB81; Title: A Fast Algorithm for Steiner Trees.; Year: 1981; author 1: Lawrence T.
No.3 idKey: journals/acta/Galil80a; Title: Algorithm for the Maximal Flow Problem.; Year: 1980; author 1: Zvi Gal No.4 idKey: journals/acta/CorradiniBV09; Title: Liveness of a mutex algorithm in a fair process algebra.; Year: 20 No.5 idKey: journals/acta/KumarR87; Title: A Linear Space Algorithm for the LCS Problem.; Year: 1987; author 1: S No.6 idKey: journals/acta/Hesselink13a; Title: A distributed resource allocation algorithm for many processes.; Yea No.7 idKey: journals/acta/Topor79; Title: A He Correctness of the Schorr-Waite List Marking Algorithm.; Year: 1979; No.8 idKey: journals/acta/HinrichsNS92; Title: An All-Round Sweep Algorithm for 2-Dimensional Nearest-Neighbor Prob No.9 idKey: journals/acta/GareyG74; Title: Performance Bounds on the Splitting Algorithm for Binary Testing.; Year No.10 idKey: journals/acta/CohenR76; Title: A Simple, Fast, and Effective LL(1) Error Repair Algorithm.; Year: 1 No.11 idKey: journals/acta/HorwitzD187; Title: An Efficient General Iterative Algorithm for Dataflow Analysis.; Yea No.13 idKey: journals/acta/HorwitzD187; Title: An Efficient General Iterative Algorithm for Asian options.; Year: No.14 idKey: journals/acta/Spankowski87; Title: An Analysis of a Contention Resolution Algorithm: Another Approach No.15 idKey: journals/acta/NakatsuKY82; Title: A Longest Common Subsequence Algorithm Suitable for Similar Text Str
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3. Spatial Search with keyword "algorithm", skip 5 and then print first 15 results search range is 1915 to 2015

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Spatial Search 1 Search In Large Year Range
From Year 1915 to Year 2015
No.1 idKey: journals/acta/Gries79; Title: The Schorr-Waite Graph Marking Algorithm.; Year: 1979; author 1: David (No.2 idKey: journals/acta/KouMB81; Title: A Fast Algorithm for Steiner Trees.; Year: 1981; author 1: Lawrence T. K. No.3 idKey: journals/acta/Galil80a; Title: Algorithm for the Maximal Flow Problem.; Year: 1980; author 1: Zvi Gali No.4 idKey: journals/acta/CorradiniBV09; Title: Liveness of a mutex algorithm in a fair process algebra.; Year: 200 No.5 idKey: journals/acta/KumarR87; Title: A Linear Space Algorithm for the LCS Problem.; Year: 1987; author 1: S. No.6 idKey: journals/acta/Hesselink13a; Title: A distributed resource allocation algorithm for many processes.; Year No.7 idKey: journals/acta/Topor79; Title: The Correctness of the Schorr-Waite List Marking Algorithm.; Year: 1979; No.8 idKey: journals/acta/HinrichsNS92; Title: An All-Round Sweep Algorithm for 2-Dimensional Nearest-Neighbor Problem.9 idKey: journals/acta/GareyG74; Title: A Simple, Fast, and Effective LL(1) Error Repair Algorithm.; Year: No.10 idKey: journals/acta/CohenR76; Title: On the Implementation of Strassen's Fast Multiplication Algorithm.; Year: No.12 idKey: journals/acta/HorwitzDT87; Title: An Efficient General Iterative Algorithm for Dataflow Analysis.; Year: No.13 idKey: journals/acta/DaiL07; Title: An exact subexponential-time lattice algorithm for Dataflow Analysis.; Year: No.14 idKey: journals/acta/Szpankowski87; Title: An Analysis of a Contention Resolution Algorithm: Another Approach. No.15 idKey: journals/acta/NakatsuKY82; Title: A Longest Common Subsequence Algorithm Suitable for Similar Text Stri
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4. Spatial Search with keyword "algorithm", skip 5 and then print first 15 results search range is 2000 to 2015

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Spatial Search 2 Search In Small Year Range
From Year 2000 to Year 2015
No.1 idKey : journals/acta/DaiL07; Title : An exact subexponential-time lattice algorithm for Asian options.; Year : No.2 idKey : journals/acta/MitranaT11; Title : New bounds for the query complexity of an algorithm that learns DFAs w
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2. Bonus

The web service is published in RPC-Style and the url is "http://localhost:9999/ws/queryPublication"

1. Basic Search with keyword "algorithm", skip 0 and then print first 15 result

```
Search Service On http://localhost:9999/ws/queryPublication
Basic Search 1 Search In large Range
Search "algorithm" TOP 15 Records
No.1 idKey: journals/acta/Sacks85; Title: An Algorithm for Merging Heaps.; Year: 1985; author 1: Jörg-Rüdiger Sack
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No.7 idKey: journals/acta/KouMB81; Title: A Fast Algorithm for Steiner Trees.; Year: 1981; author 1: Lawrence T. In
No.8 idKey: journals/acta/Galil80a; Title: Algorithm for the Maximal Flow Problem.; Year: 1980; author 1: Zvi Galing.
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4. Spatial Search with keyword "algorithm", skip 5 and then print first 15 results search range is 2000 to 2015

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Spatial Search 2 Search In Small Year Range
From Year 2000 to Year 2015
No.1 idKey: journals/acta/DaiL07; Title: An exact subexponential-time lattice algorithm for Asian options.; Year: 2
No.2 idKey: journals/acta/MitranaT11; Title: New bounds for the query complexity of an algorithm that learns DFAs wi
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