

## Pre-Project Exercise - Accessing a MySQL Database with Java

### Output

#### TASK 1:

Connected to: jdbc:mysql://localhost:3306/InventoryDB

Created Table ToolTable

Filling the table with tools

Reading all tools from the table:

Tools:

```
1000 Knock Bits 88 12.67 8015
1001 Widgets 10 35.5 8004
1002 Grommets 20 23.45 8001
1003 Wedges 15 10.15 8020
1004 Wing Bats 11 11.25 8003
1005 Twinkies 75 15.75 8012
1006 Wiggles 30 12.34 8020
1007 Bing Bobs 25 2.39 8005
1008 Wog Wits 300 19.99 8004
1009 Barney Bits 21 23.59 8006
1010 Willie Widgits 89 12.99 8003
1011 Barge Bogs 35 2.99 8011
1012 Poggy Pogs 99 1.1 8002
1013 Pardle Pins 400 0.69 8013
1014 Piddley Wicks 54 5.19 8013
1015 Iggy Orks 22 49.95 8010
1016 Crank Cribs 888 0.29 8005
1017 Thingies 67 45.98 8008
1018 Orf Dappers 32 19.98 8018
1019 Piff Knocks 82 4.95 8002
1020 Knit Piks 66 6.75 8015
1021 Piddley Pins 370 0.25 8020
1022 Tic Tocs 87 1.36 8014
1023 Tin Wits 23 5.67 8014
1024 Thinga-ma-bobs 40 10.98 8012
1025 Fling Flobs 254 2.33 8009
1026 Barn Bins 45 88.67 8006
1027 Flap Wrappers 89 44.88 8009
1028 Pong Pangs 2345 0.1 8002
1029 Oof Tongs 345 8.49 8011
1030 Nic Nacs 238 2.99 8015
1031 Tork Tins 376 0.95 8012
1032 Lilly Larks 56 12.99 8007
1033 Minnie Morks 800 1.95 8007
1034 Cork Handles 654 2.66 8016
1035 Ding Darns 1208 0.15 8019
1036 Erk Orks 498 3.99 8017
1037 Foo Figs 234 5.89 8018
1038 Googly Eyes 756 6.99 8001
1039 Handy Pandies 321 4.35 8017
1040 Inny Outies 219 3.45 8010
```

Searching table for tool 1002: should return 'Grommets'

Search Result: 1002 Grommets 20 23.45 8001

Searching table for tool 9000: should fail to find a tool  
Search Failed to find a tool matching ID: 9000

Trying to remove the table  
Removed Table ToolTable

The program is finished running

## **Output TASK 2**

Connected to: jdbc:mysql://localhost:3306/InventoryDB

Created Table ToolTable

Filling the table with tools  
Reading all tools from the table:  
Tools:

1000	Knock Bits	88	12.67	8015
1001	Widgets	10	35.5	8004
1002	Grommets	20	23.45	8001
1003	Wedges	15	10.15	8020
1004	Wing Bats	11	11.25	8003
1005	Twinkies	75	15.75	8012
1006	Wiggles	30	12.34	8020
1007	Bing Bobs	25	2.39	8005
1008	Wog Wits	300	19.99	8004
1009	Barney Bits	21	23.59	8006
1010	Willie Widgits	89	12.99	8003
1011	Barge Bogs	35	2.99	8011
1012	Poggy Pogs	99	1.1	8002
1013	Pardle Pins	400	0.69	8013
1014	Piddley Wicks	54	5.19	8013
1015	Iggy Orks	22	49.95	8010
1016	Crank Cribs	888	0.29	8005
1017	Thingies	67	45.98	8008
1018	Orf Dappers	32	19.98	8018
1019	Piff Knocks	82	4.95	8002
1020	Knit Piks	66	6.75	8015
1021	Piddley Pins	370	0.25	8020
1022	Tic Tocs	87	1.36	8014
1023	Tin Wits	23	5.67	8014
1024	Thinga-ma-bobs	40	10.98	8012
1025	Fling Flobs	254	2.33	8009
1026	Barn Bins	45	88.67	8006
1027	Flap Wrappers	89	44.88	8009
1028	Pong Pangs	2345	0.1	8002
1029	Oof Tongs	345	8.49	8011
1030	Nic Nacs	238	2.99	8015
1031	Tork Tins	376	0.95	8012
1032	Lilly Larks	56	12.99	8007
1033	Minnie Morks	800	1.95	8007
1034	Cork Handles	654	2.66	8016
1035	Ding Darns	1208	0.15	8019
1036	Erk Orks	498	3.99	8017
1037	Foo Figs	234	5.89	8018
1038	Googly Eyes	756	6.99	8001

1039 Handy Pandies 321 4.35 8017  
1040 Inny Outies 219 3.45 8010

Searching table for tool 1002: should return 'Grommets'  
Search Result: 1002 Grommets 20 23.45 8001

Searching table for tool 9000: should fail to find a tool  
Search Failed to find a tool matching ID: 9000

Trying to remove the table  
Removed Table ToolTable

The program is finished running

**Note:** During submission, password and ID has been set to '\*\*\*', so please make the changes before running. Also, command for creating the database is commented.