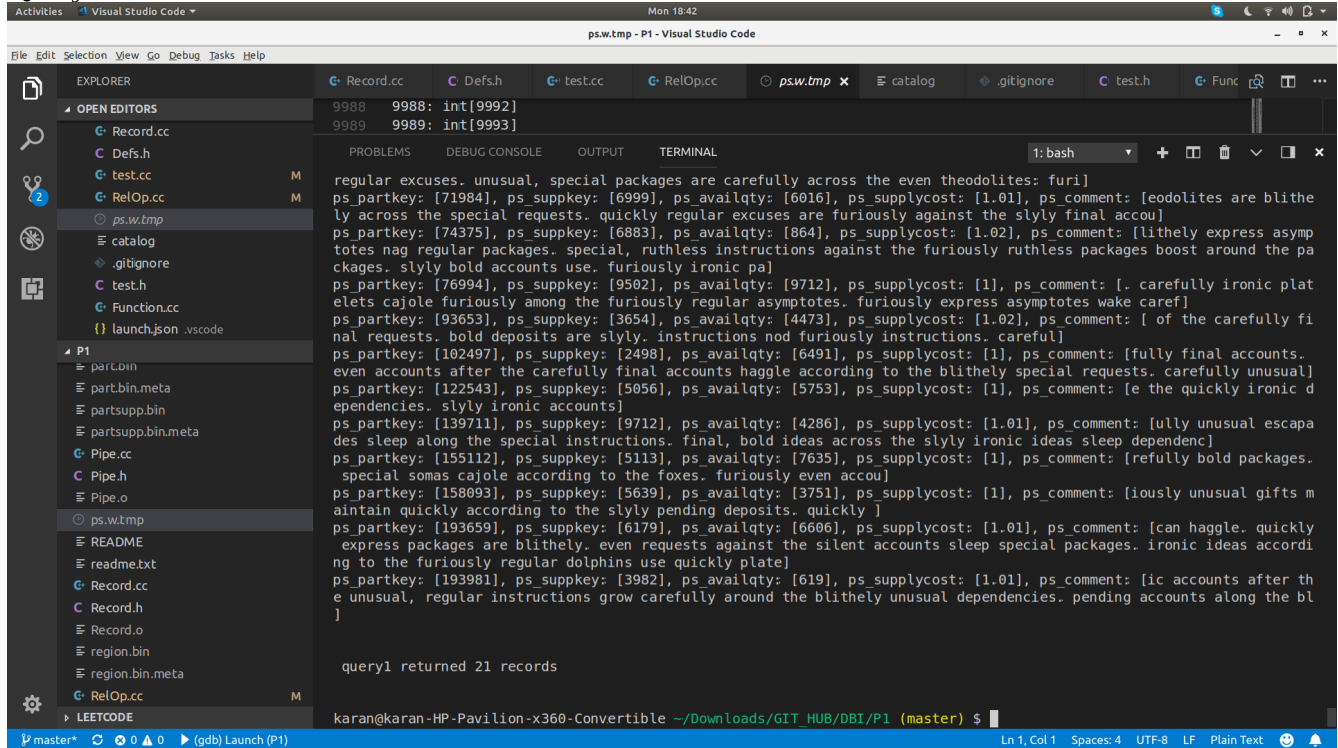


Results – Project 3

Database Implementation

Query 1



```
9988 9988: int[9992]
9989 9989: int[9993]
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL

1: bash

regular excuses. unusual, special packages are carefully across the even theodolites: furi]

ps_partkey: [71984], ps_suppkey: [6999], ps_availqty: [6016], ps_supplycost: [1.01], ps_comment: [eodolites are blithely across the special requests. quickly regular excuses are furiously against the slyly final accou]

ps_partkey: [74375], ps_suppkey: [6883], ps_availqty: [864], ps_supplycost: [1.02], ps_comment: [lithely express asymp

totes nag regular packages. special, ruthless instructions against the furiously ruthless packages boost around the packages. slyly bold accounts use. furiously ironic pa]

ps_partkey: [76994], ps_suppkey: [9502], ps_availqty: [9712], ps_supplycost: [1], ps_comment: [. carefully ironic plat

elets cajole furiously among the furiously regular asymptotes. furiously express asymptotes wake caref]

ps_partkey: [93653], ps_suppkey: [3654], ps_availqty: [4473], ps_supplycost: [1.02], ps_comment: [of the carefully final requests. bold deposits are slyly. instructions nod furiously instructions. careful]

ps_partkey: [102497], ps_suppkey: [2498], ps_availqty: [6491], ps_supplycost: [1], ps_comment: [fully final accounts. even accounts after the carefully final accounts haggle according to the blithely special requests. carefully unusual]

ps_partkey: [122543], ps_suppkey: [5056], ps_availqty: [5753], ps_supplycost: [1], ps_comment: [e the quickly ironic dependencies. slyly ironic accounts]

ps_partkey: [139711], ps_suppkey: [9712], ps_availqty: [4286], ps_supplycost: [1.01], ps_comment: [ully unusual escapades sleep along the special instructions. final, bold ideas across the slyly ironic ideas sleep dependenc]

ps_partkey: [155112], ps_suppkey: [5113], ps_availqty: [7635], ps_supplycost: [1], ps_comment: [refully bold packages. special somas cajole according to the foxes. furiously even accou]

ps_partkey: [158093], ps_suppkey: [5639], ps_availqty: [3751], ps_supplycost: [1], ps_comment: [iously unusual gifts maintain quickly according to the slyly pending deposits. quickly]

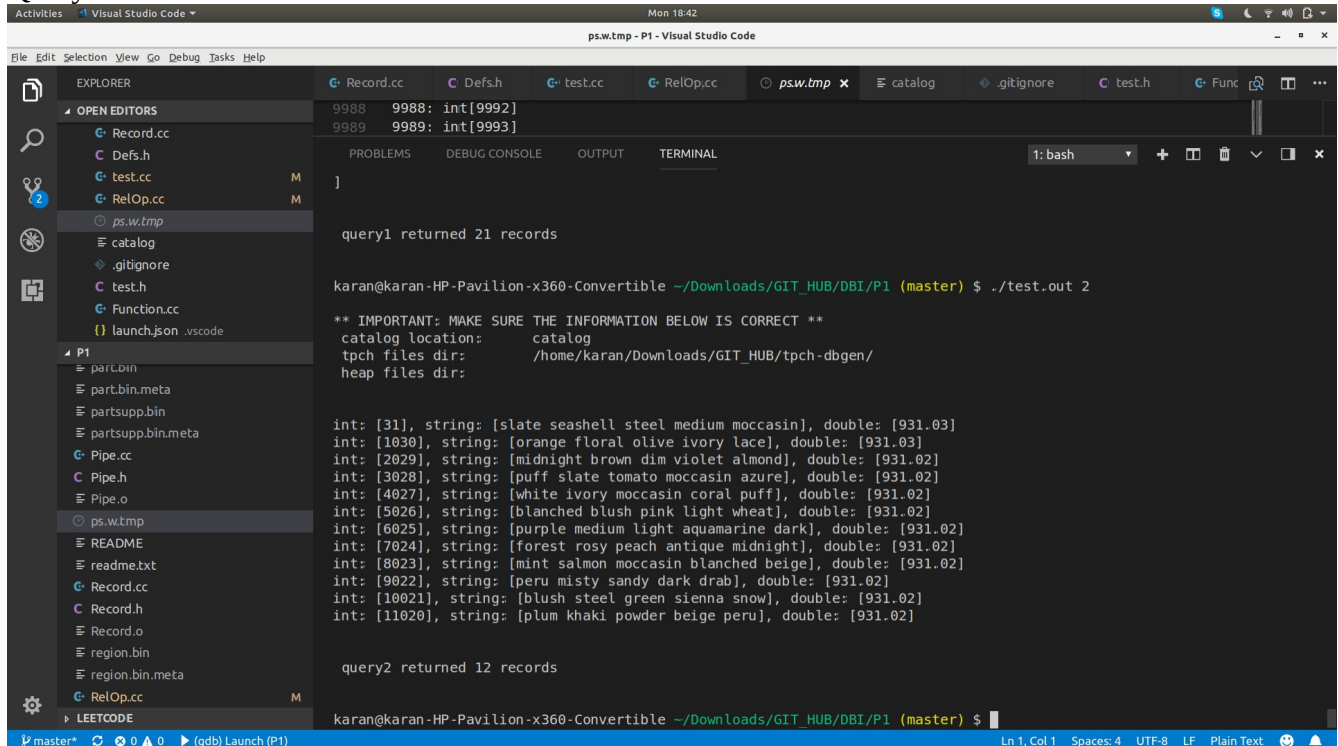
ps_partkey: [193659], ps_suppkey: [6179], ps_availqty: [6606], ps_supplycost: [1.01], ps_comment: [can haggle. quickly express packages are blithely. even requests against the silent accounts sleep special packages. ironic ideas according to the furiously regular dolphins use quickly plate]

ps_partkey: [193981], ps_suppkey: [3982], ps_availqty: [619], ps_supplycost: [1.01], ps_comment: [ic accounts after the unusual, regular instructions grow carefully around the blithely unusual dependencies. pending accounts along the bl]

query1 returned 21 records

karan@karan-HP-Pavilion-x360-Convertible ~/Downloads/GIT_HUB/DBI/P1 (master) \$

Query 2



```
9988 9988: int[9992]
9989 9989: int[9993]
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL

1: bash

]

query1 returned 21 records

karan@karan-HP-Pavilion-x360-Convertible ~/Downloads/GIT_HUB/DBI/P1 (master) \$./test.out 2

**** IMPORTANT: MAKE SURE THE INFORMATION BELOW IS CORRECT ****

catalog location: catalog

tpch files dir: /home/karan/Downloads/GIT_HUB/tpch-dbgcn/

heap files dir:

int: [31], string: [slate seashell steel medium moccasin], double: [931.03]

int: [1030], string: [orange floral olive ivory lace], double: [931.03]

int: [2029], string: [midnight brown dim violet almond], double: [931.02]

int: [3028], string: [puff slate tomato moccasin azure], double: [931.02]

int: [4027], string: [white ivory moccasin coral puff], double: [931.02]

int: [5026], string: [blanched blush pink light wheat], double: [931.02]

int: [6025], string: [purple medium light aquamarine dark], double: [931.02]

int: [7024], string: [forest rosy peach antique midnight], double: [931.02]

int: [8023], string: [mint salmon moccasin blanched beige], double: [931.02]

int: [9022], string: [peru misty sandy dark drab], double: [931.02]

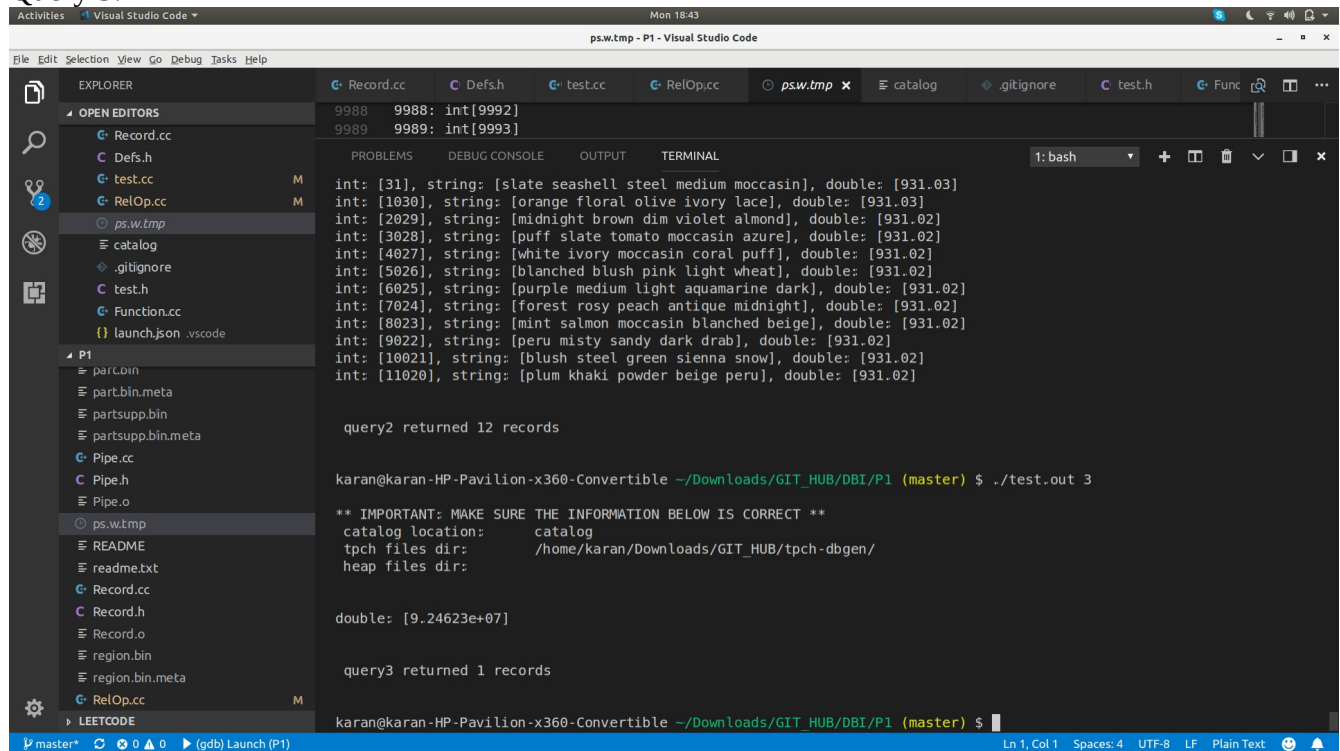
int: [10021], string: [blush steel green sienna snow], double: [931.02]

int: [11020], string: [plum khaki powder beige peru], double: [931.02]

query2 returned 12 records

karan@karan-HP-Pavilion-x360-Convertible ~/Downloads/GIT_HUB/DBI/P1 (master) \$

Query 3:



```
9988 9988: int[9992]
9989 9989: int[9993]

int: [31], string: [slate seashell steel medium moccasin], double: [931.03]
int: [1030], string: [orange floral olive ivory lace], double: [931.03]
int: [2029], string: [midnight brown dim violet almond], double: [931.02]
int: [3028], string: [puff slate tomato moccasin azure], double: [931.02]
int: [4027], string: [white ivory moccasin coral puff], double: [931.02]
int: [5026], string: [blanched blush pink light wheat], double: [931.02]
int: [6025], string: [purple medium light aquamarine dark], double: [931.02]
int: [7024], string: [forest rosy peach antique midnight], double: [931.02]
int: [8023], string: [mint salmon moccasin blanched beige], double: [931.02]
int: [9022], string: [peru misty sandy dark drab], double: [931.02]
int: [10021], string: [blush steel green sienna snow], double: [931.02]
int: [11020], string: [plum khaki powder beige peru], double: [931.02]

query2 returned 12 records

karan@karan-HP-Pavilion-x360-Convertible ~/Downloads/GIT_HUB/DBI/P1 (master) $ ./test.out 3

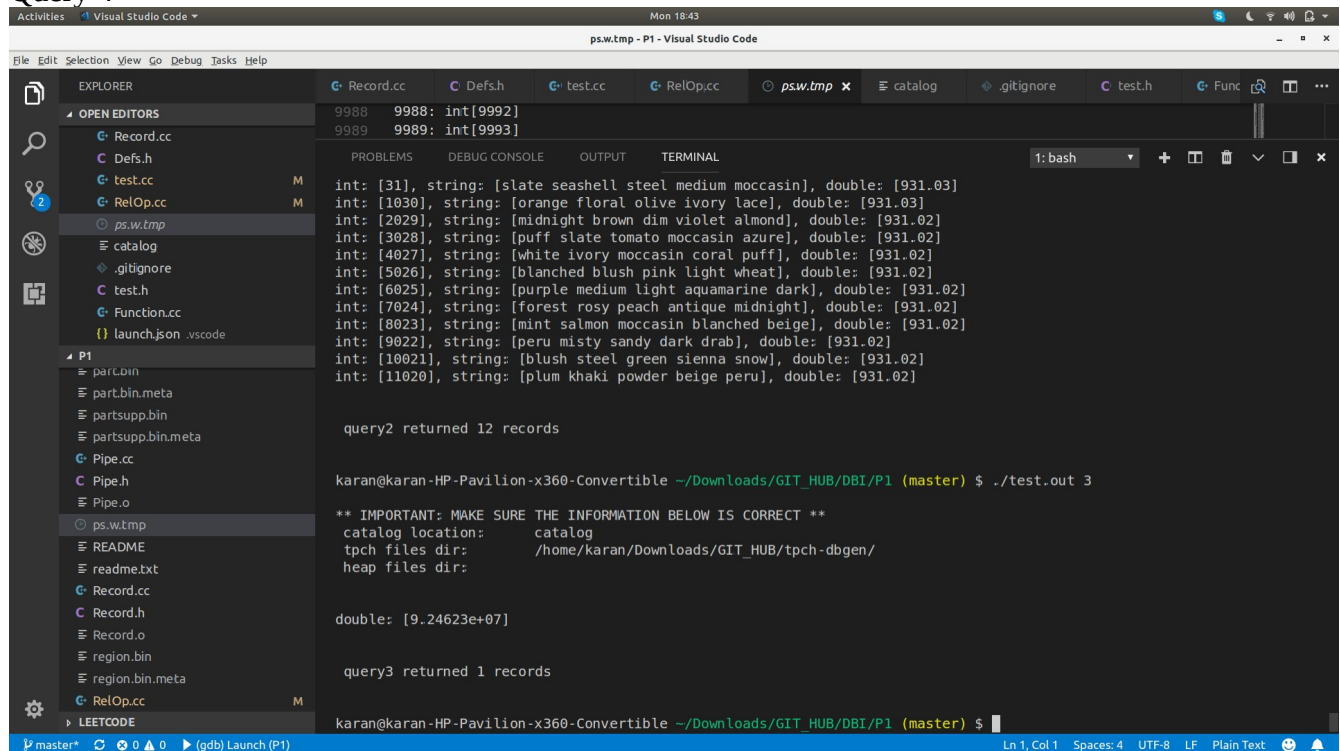
** IMPORTANT: MAKE SURE THE INFORMATION BELOW IS CORRECT **
catalog location:      catalog
tpch files dir:       /home/karan/Downloads/GIT_HUB/tpch-dbgcn/
heap files dir:

double: [9.24623e+07]

query3 returned 1 records

karan@karan-HP-Pavilion-x360-Convertible ~/Downloads/GIT_HUB/DBI/P1 (master) $
```

Query 4



```
9988 9988: int[9992]
9989 9989: int[9993]

int: [31], string: [slate seashell steel medium moccasin], double: [931.03]
int: [1030], string: [orange floral olive ivory lace], double: [931.03]
int: [2029], string: [midnight brown dim violet almond], double: [931.02]
int: [3028], string: [puff slate tomato moccasin azure], double: [931.02]
int: [4027], string: [white ivory moccasin coral puff], double: [931.02]
int: [5026], string: [blanched blush pink light wheat], double: [931.02]
int: [6025], string: [purple medium light aquamarine dark], double: [931.02]
int: [7024], string: [forest rosy peach antique midnight], double: [931.02]
int: [8023], string: [mint salmon moccasin blanched beige], double: [931.02]
int: [9022], string: [peru misty sandy dark drab], double: [931.02]
int: [10021], string: [blush steel green sienna snow], double: [931.02]
int: [11020], string: [plum khaki powder beige peru], double: [931.02]

query2 returned 12 records

karan@karan-HP-Pavilion-x360-Convertible ~/Downloads/GIT_HUB/DBI/P1 (master) $ ./test.out 3

** IMPORTANT: MAKE SURE THE INFORMATION BELOW IS CORRECT **
catalog location:      catalog
tpch files dir:       /home/karan/Downloads/GIT_HUB/tpch-dbgcn/
heap files dir:

double: [9.24623e+07]

query3 returned 1 records

karan@karan-HP-Pavilion-x360-Convertible ~/Downloads/GIT_HUB/DBI/P1 (master) $
```

Query 5

```
9983: int[9983]
9984: int[9984]
9985: int[9985]
9986: int[9986]
9987: int[9987]
9988: int[9988]
9989: int[9989]
9990: int[9990]
9991: int[9991]
9992: int[9992]
9993: int[9993]
9994: int[9994]
9995: int[9995]
9996: int[9996]
9997: int[9997]
```

```
** IMPORTANT: MAKE SURE THE INFORMATION BELOW IS CORRECT **
catalog location:
tpch files dir:  /home/karan/Downloads/GIT_HUB/tpch-dbgcn/
heap files dir:

query5 finished..output written to file ps.w.tmp
```

Query 6

```
9988: int[9988]
9989: int[9989]
```

```
query6
double: [4.94066e-324], s_nationkey: [0]
double: [2.122e-314], s_nationkey: [1]
double: [4.24399e-314], s_nationkey: [2]
double: [6.36599e-314], s_nationkey: [3]
double: [8.48798e-314], s_nationkey: [4]
double: [1.061e-313], s_nationkey: [5]
double: [1.2732e-313], s_nationkey: [6]
double: [1.4854e-313], s_nationkey: [7]
double: [1.6976e-313], s_nationkey: [8]
double: [1.9098e-313], s_nationkey: [9]
double: [2.122e-313], s_nationkey: [10]
double: [2.3342e-313], s_nationkey: [11]
double: [2.54639e-313], s_nationkey: [12]
double: [2.75859e-313], s_nationkey: [13]
double: [2.97079e-313], s_nationkey: [14]
double: [3.18299e-313], s_nationkey: [15]
double: [3.39519e-313], s_nationkey: [16]
double: [3.60739e-313], s_nationkey: [17]
double: [3.81959e-313], s_nationkey: [18]
double: [4.03179e-313], s_nationkey: [19]
double: [4.24399e-313], s_nationkey: [20]
double: [4.45619e-313], s_nationkey: [21]
double: [4.66839e-313], s_nationkey: [22]
double: [4.88059e-313], s_nationkey: [23]
double: [5.09279e-313], s_nationkey: [24]
query6 returned sum for 25 groups (expected 25 groups)
```