



▼ Unnamed	
> information_schema	
> mydb	
> myfirstdb	
> mysql	
> performance_schema	
> sakila	
> seminar01	
> seminar02	
> seminar03	
> seminar03_hw	
> seminar04	
> seminar04_hw	
> seminar05	
> seminar06	
▼ spark 656,0 KiB	
2nf_table01 16,0 KiB	
2nf_table02 16,0 KiB	
3nf_table01 16,0 KiB	
3nf_table02 16,0 KiB	
3nf_table03 16,0 KiB	
fifa 352,0 KiB	
hw_sem4_1 16,0 KiB	
hw_sem4_2 16,0 KiB	
hw_sem4_3 16,0 KiB	
sem03_table01 16,0 KiB	
sem03_table02 16,0 KiB	
sem04_table01 16,0 KiB	
tasketl1a 16,0 KiB	
tasketl1b 16,0 KiB	
tasketl1c 16,0 KiB	
tasketl1d 32,0 KiB	
tasketl4b 48,0 KiB	
> sys	

spark.hw_sem4_1: 360 строк (приблизительно)

№	Месяц	Сумма платежа	Платеж по основному долгу	Платеж по процентам	Остаток долга	проценты	долг
1	2023-11-01 00:00:00	86 689	3 655,71	83 033,3	9 396 340	83 033,3	3 655,71
2	2023-12-01 00:00:00	86 689	3 688	83 001	9 392 660	166 034	7 343,71
3	2024-01-01 00:00:00	86 689	3 720,58	82 968,5	9 388 940	249 003	11 064,3
4	2024-02-01 00:00:00	86 689	3 753,44	82 935,6	9 385 180	331 938	14 817,7
5	2024-03-01 00:00:00	86 689	3 786,6	82 902,4	9 381 400	414 841	18 604,3
6	2024-04-01 00:00:00	86 689	3 820,04	82 869	9 377 580	497 710	22 424,4
7	2024-05-01 00:00:00	86 689	3 853,79	82 835,2	9 373 720	580 545	26 278,2
8	2024-06-01 00:00:00	86 689	3 887,83	82 801,2	9 369 830	663 346	30 166
9	2024-07-01 00:00:00	86 689	3 922,17	82 766,9	9 365 910	746 113	34 088,2
10	2024-08-01 00:00:00	86 689	3 956,82	82 732,2	9 361 960	828 845	38 045
11	2024-09-01 00:00:00	86 689	3 991,77	82 697,3	9 357 960	911 543	42 036,8
12	2024-10-01 00:00:00	86 689	4 027,03	82 662	9 353 940	994 205	46 063,8
13	2024-11-01 00:00:00	86 689	4 062,6	82 626,4	9 349 870	1 076 830	50 126,4
14	2024-12-01 00:00:00	86 689	4 098,49	82 590,5	9 345 780	1 159 420	54 224,9
15	2025-01-01 00:00:00	86 689	4 134,69	82 554,4	9 341 640	1 241 980	58 359,6
16	2025-02-01 00:00:00	86 689	4 171,22	82 517,8	9 337 470	1 324 490	62 530,8
17	2025-03-01 00:00:00	86 689	4 208,06	82 481	9 333 260	1 406 970	66 738,8
18	2025-04-01 00:00:00	86 689	4 245,23	82 443,8	9 329 020	1 489 420	70 984,1
19	2025-05-01 00:00:00	86 689	4 282,73	82 406,3	9 324 730	1 571 820	75 266,8
20	2025-06-01 00:00:00	86 689	4 320,56	82 368,5	9 320 410	1 654 190	79 587,4
21	2025-07-01 00:00:00	86 689	4 358,73	82 330,3	9 316 050	1 736 520	83 946,1
22	2025-08-01 00:00:00	86 689	4 397,23	82 291,8	9 311 660	1 818 820	88 343,3
23	2025-09-01 00:00:00	86 689	4 436,07	82 253	9 307 220	1 901 070	92 779,4
24	2025-10-01 00:00:00	86 689	4 475,26	82 213,8	9 302 740	1 983 280	97 254,6
25	2025-11-01 00:00:00	86 689	4 514,79	82 174,2	9 298 230	2 065 460	101 769
26	2025-12-01 00:00:00	86 689	4 554,67	82 134,4	9 293 680	2 147 590	106 324
27	2026-01-01 00:00:00	86 689	4 594,9	82 094,1	9 289 080	2 229 680	110 919
28	2026-02-01 00:00:00	86 689	4 635,49	82 053,5	9 284 450	2 311 740	115 554
29	2026-03-01 00:00:00	86 689	4 676,44	82 012,6	9 279 770	2 393 750	120 231
30	2026-04-01 00:00:00	86 689	4 717,75	81 971,3	9 275 050	2 475 720	124 949
31	2026-05-01 00:00:00	86 689	4 759,42	81 929,6	9 270 290	2 557 650	129 708
32	2026-06-01 00:00:00	86 689	4 801,46	81 887,6	9 265 490	2 639 540	134 510
33	2026-07-01 00:00:00	86 689	4 843,87	81 845,2	9 260 650	2 721 380	139 353
34	2026-08-01 00:00:00	86 689	4 886,66	81 802,4	9 255 760	2 803 190	144 240

X Фильтр Регулярное выражение

```
281 SELECT tc.CONSTRAINT_NAME, cc.CHECK_CLAUSE FROM `information_schema`.`CHECK_CONSTRAINTS` AS cc, `information_schema`.`TABLE_CONSTRAINTS` AS tc WHERE tc.CONSTRAINT_NAME = cc.CONSTRAINT_NAME;
282 SELECT * FROM `spark`.`hw_sem4_2` LIMIT 1000;
283 SELECT * FROM `information_schema`.`COLUMNS` WHERE TABLE_SCHEMA='spark' AND TABLE_NAME='hw_sem4_3' ORDER BY ORDINAL_POSITION;
284 SHOW INDEXES FROM `hw_sem4_3` FROM `spark`;
285 SELECT * FROM information_schema.REFERENTIAL_CONSTRAINTS WHERE CONSTRAINT_SCHEMA='spark' AND TABLE_NAME='hw_sem4_3' AND REFERENCED_TABLE_NAME IS NOT NULL;
286 SELECT * FROM information_schema.KEY_COLUMN_USAGE WHERE TABLE_SCHEMA='spark' AND TABLE_NAME='hw_sem4_3' AND REFERENCED_TABLE_NAME IS NOT NULL;
287 SHOW CREATE TABLE `spark`.`hw_sem4_3`;
288 SELECT tc.CONSTRAINT_NAME, cc.CHECK_CLAUSE FROM `information_schema`.`CHECK_CONSTRAINTS` AS cc, `information_schema`.`TABLE_CONSTRAINTS` AS tc WHERE tc.CONSTRAINT_NAME = cc.CONSTRAINT_NAME;
289 SELECT * FROM `spark`.`hw_sem4_3` LIMIT 1000;
290 SHOW CREATE TABLE `spark`.`hw_sem4_1`;
291 SELECT * FROM `spark`.`hw_sem4_1` LIMIT 1000;
```




▼ Unnamed	
> information_schema	
> mydb	
> myfirstdb	
> mysql	
> performance_schema	
> sakila	
> seminar01	
> seminar02	
> seminar03	
> seminar03_hw	
> seminar04	
> seminar04_hw	
> seminar05	
> seminar06	
▼ spark 656,0 KiB	
2nf_table01 16,0 KiB	
2nf_table02 16,0 KiB	
3nf_table01 16,0 KiB	
3nf_table02 16,0 KiB	
3nf_table03 16,0 KiB	
fifa 352,0 KiB	
hw_sem4_1 16,0 KiB	
hw_sem4_2 16,0 KiB	
hw_sem4_3 16,0 KiB	
sem03_table01 16,0 KiB	
sem03_table02 16,0 KiB	
sem04_table01 16,0 KiB	
tasketl1a 16,0 KiB	
tasketl1b 16,0 KiB	
tasketl1c 16,0 KiB	
tasketl1d 32,0 KiB	
tasketl4b 48,0 KiB	
> sys	

spark.hw_sem4_2: 134 строк (приблизительно)

№	Месяц	Сумма платежа	Платеж по основному долгу	Платеж по процентам	Остаток долга	проценты	долг
1	2023-12-17 00:00:00	120 000	38 104,1	81 895,9	9 361 900	81 895,9	38 104,1
2	2024-01-17 00:00:00	120 000	35 843,6	84 156,4	9 326 050	166 052	73 947,7
2	2024-02-17 00:00:00	120 000	36 269,4	83 730,6	9 289 780	249 783	110 217
3	2024-03-17 00:00:00	120 000	41 976	78 024	9 247 810	327 807	152 193
3	2024-04-17 00:00:00	120 000	36 971,9	83 028,1	9 210 840	410 835	189 165
4	2024-05-17 00:00:00	120 000	39 971,4	80 028,6	9 170 860	490 864	229 136
4	2024-06-17 00:00:00	120 000	37 662,7	82 337,3	9 133 200	573 201	266 799
5	2024-07-17 00:00:00	120 000	40 646	79 354	9 092 560	652 555	307 445
5	2024-08-17 00:00:00	120 000	38 365,8	81 634,2	9 054 190	734 189	345 811
6	2024-09-17 00:00:00	120 000	38 710,2	81 289,8	9 015 480	815 479	384 521
6	2024-10-17 00:00:00	120 000	41 668,8	78 331,2	8 973 810	893 810	426 190
7	2024-11-17 00:00:00	120 000	39 431,9	80 568,1	8 934 380	974 378	465 622
7	2024-12-17 00:00:00	120 000	42 373,4	77 626,6	8 892 000	1 052 000	507 995
8	2025-01-17 00:00:00	120 000	40 046,4	79 953,6	8 851 960	1 131 960	548 041
8	2025-02-17 00:00:00	120 000	40 308,1	79 691,9	8 811 650	1 211 650	588 350
9	2025-03-17 00:00:00	120 000	48 348	71 652	8 763 300	1 283 300	636 698
9	2025-04-17 00:00:00	120 000	41 106,3	78 893,7	8 722 200	1 362 200	677 804
10	2025-05-17 00:00:00	120 000	44 009,4	75 990,6	8 678 190	1 438 190	721 813
10	2025-06-17 00:00:00	120 000	41 872,5	78 127,5	8 636 310	1 516 310	763 686
11	2025-07-17 00:00:00	120 000	44 757,6	75 242,4	8 591 560	1 591 560	808 443
11	2025-08-17 00:00:00	120 000	42 652,4	77 347,5	8 548 900	1 668 900	851 096
12	2025-09-17 00:00:00	120 000	43 036,4	76 963,6	8 505 870	1 745 870	894 132
12	2025-10-17 00:00:00	120 000	45 894,1	74 105,9	8 459 970	1 819 970	940 026
13	2025-11-17 00:00:00	120 000	43 837,1	76 162,9	8 416 140	1 896 140	983 863
13	2025-12-17 00:00:00	120 000	46 675,9	73 324,1	8 369 460	1 969 460	1 030 540
14	2026-01-17 00:00:00	120 000	44 651,9	75 348,1	8 324 810	2 044 810	1 075 190
14	2026-02-17 00:00:00	120 000	45 053,9	74 946,1	8 279 760	2 119 760	1 120 240
15	2026-03-17 00:00:00	120 000	52 673,1	67 326,9	8 227 080	2 187 080	1 172 920
15	2026-04-17 00:00:00	120 000	45 933,7	74 066,3	8 181 150	2 261 150	1 218 850
16	2026-05-17 00:00:00	120 000	48 723,1	71 276,9	8 132 420	2 332 420	1 267 580
16	2026-06-17 00:00:00	120 000	46 785,9	73 214,1	8 085 640	2 405 640	1 314 360
17	2026-07-17 00:00:00	120 000	49 555,2	70 444,8	8 036 080	2 476 080	1 363 920
17	2026-08-17 00:00:00	120 000	47 653,2	72 346,8	7 988 430	2 548 430	1 411 570
18	2026-09-17 00:00:00	120 000	48 082,2	71 917,8	7 940 350	2 620 350	1 459 650

X Фильтр Регулярное выражение

```
283 SELECT * FROM `information_schema`.`COLUMNS` WHERE TABLE_SCHEMA='spark' AND TABLE_NAME='hw_sem4_3' ORDER BY ORDINAL_POSITION;
284 SHOW INDEXES FROM `hw_sem4_3` FROM `spark`;
285 SELECT * FROM information_schema.REFERENTIAL_CONSTRAINTS WHERE CONSTRAINT_SCHEMA='spark' AND TABLE_NAME='hw_sem4_3' AND REFERENCED_TABLE_NAME IS NOT NULL;
286 SELECT * FROM information_schema.KEY_COLUMN_USAGE WHERE TABLE_SCHEMA='spark' AND TABLE_NAME='hw_sem4_3' AND REFERENCED_TABLE_NAME IS NOT NULL;
287 SHOW CREATE TABLE `spark`.`hw_sem4_3`;
288 SELECT tc.CONSTRAINT_NAME, cc.CHECK_CLAUSE FROM `information_schema`.`CHECK_CONSTRAINTS` AS cc, `information_schema`.`TABLE_CONSTRAINTS` AS tc WHERE tc.CONSTRAINT_NAME=cc.CONSTRAINT_NAME;
289 SELECT * FROM `spark`.`hw_sem4_3` LIMIT 1000;
290 SHOW CREATE TABLE `spark`.`hw_sem4_1`;
291 SELECT * FROM `spark`.`hw_sem4_1` LIMIT 1000;
292 SHOW CREATE TABLE `spark`.`hw_sem4_2`;
293 SELECT * FROM `spark`.`hw_sem4_2` LIMIT 1000;
```


▼ Unnamed	
> information_schema	
> mydb	
> myfirstdb	
> mysql	
> performance_schema	
> sakila	
> seminar01	
> seminar02	
> seminar03	
> seminar03_hw	
> seminar04	
> seminar04_hw	
> seminar05	
> seminar06	
▼ spark	656,0 KiB
2nf_table01	16,0 KiB
2nf_table02	16,0 KiB
3nf_table01	16,0 KiB
3nf_table02	16,0 KiB
3nf_table03	16,0 KiB
fifa	352,0 KiB
hw_sem4_1	16,0 KiB
hw_sem4_2	16,0 KiB
hw_sem4_3	16,0 KiB
sem03_table01	16,0 KiB
sem03_table02	16,0 KiB
sem04_table01	16,0 KiB
tasketl1a	16,0 KiB
tasketl1b	16,0 KiB
tasketl1c	16,0 KiB
tasketl1d	32,0 KiB
tasketl4b	48,0 KiB
> sys	

spark.hw_sem4_3: 92 строк (приблизительно)

№	Месяц	Сумма платежа	Платеж по основному долгу	Платеж по процентам	Остаток долга	проценты	долг
1	2023-12-17 00:00:00	150 000	68 104,1	81 895,9	9 331 900	81 895,9	68 104,1
2	2024-01-17 00:00:00	150 000	66 113,2	83 886,8	9 265 780	165 783	134 217
3	2024-02-17 00:00:00	150 000	66 810,5	83 189,5	9 198 970	248 972	201 028
4	2024-03-17 00:00:00	150 000	72 738,7	77 261,3	9 126 230	326 233	273 767
5	2024-04-17 00:00:00	150 000	68 063,4	81 936,6	9 058 170	408 170	341 830
6	2024-05-17 00:00:00	150 000	71 297,9	78 702,1	8 986 870	486 872	413 128
7	2024-06-17 00:00:00	150 000	69 314,6	80 685,4	8 917 560	567 558	482 442
8	2024-07-17 00:00:00	150 000	72 519,6	77 480,4	8 845 040	645 038	554 962
9	2024-08-17 00:00:00	150 000	70 588	79 412	8 774 450	724 450	625 550
10	2024-09-17 00:00:00	150 000	71 221,7	78 778,3	8 703 230	803 228	696 772
11	2024-10-17 00:00:00	150 000	74 381,8	75 618,2	8 628 850	878 846	771 154
12	2024-11-17 00:00:00	150 000	72 529	77 471	8 556 320	956 318	843 682
13	2024-12-17 00:00:00	150 000	75 658,2	74 341,8	8 480 660	1 030 660	919 341
14	2025-01-17 00:00:00	150 000	73 745	76 255	8 406 910	1 106 910	993 086
15	2025-02-17 00:00:00	150 000	74 314,7	75 685,3	8 332 600	1 182 600	1 067 400
16	2025-03-17 00:00:00	150 000	82 243,4	67 756,6	8 250 360	1 250 360	1 149 640
17	2025-04-17 00:00:00	150 000	75 724,2	74 275,8	8 174 630	1 324 630	1 225 370
18	2025-05-17 00:00:00	150 000	78 779,9	71 220,1	8 095 850	1 395 850	1 304 150
19	2025-06-17 00:00:00	150 000	77 115,1	72 884,9	8 018 740	1 468 740	1 381 260
20	2025-07-17 00:00:00	150 000	80 138,1	69 861,9	7 938 600	1 538 600	1 461 400
21	2025-08-17 00:00:00	150 000	78 530,9	71 469,1	7 860 070	1 610 070	1 539 930
22	2025-09-17 00:00:00	150 000	79 237,9	70 762,1	7 780 830	1 680 830	1 619 170
23	2025-10-17 00:00:00	150 000	82 210,9	67 789,1	7 698 620	1 748 620	1 701 380
24	2025-11-17 00:00:00	150 000	80 691,3	69 308,7	7 617 930	1 817 930	1 782 070
25	2025-12-17 00:00:00	150 000	83 630,1	66 369,9	7 534 300	1 884 300	1 865 700
26	2026-01-17 00:00:00	150 000	82 170,7	67 829,3	7 452 130	1 952 130	1 947 870
27	2026-02-17 00:00:00	150 000	82 910,4	67 089,6	7 369 220	2 019 220	2 030 780
28	2026-03-17 00:00:00	150 000	90 077,2	59 922,8	7 279 140	2 079 140	2 120 860
29	2026-04-17 00:00:00	150 000	84 467,8	65 532,2	7 194 670	2 144 670	2 205 330
30	2026-05-17 00:00:00	150 000	87 317,7	62 682,3	7 107 350	2 207 350	2 292 650
31	2026-06-17 00:00:00	150 000	86 014,3	63 985,7	7 021 340	2 271 340	2 378 660
32	2026-07-17 00:00:00	150 000	88 827,8	61 172,2	6 932 510	2 332 510	2 467 490
33	2026-08-17 00:00:00	150 000	87 588,4	62 411,6	6 844 920	2 394 920	2 555 080
34	2026-09-17 00:00:00	150 000	88 376,9	61 623,1	6 756 550	2 456 550	2 643 450

X Фильтр Регулярное выражение

```

285 SELECT * FROM information_schema.REFERENTIAL_CONSTRAINTS WHERE CONSTRAINT_SCHEMA='spark' AND TABLE_NAME='hw_sem4_3' AND REFERENCED_TABLE_NAME IS NOT NULL;
286 SELECT * FROM information_schema.KEY_COLUMN_USAGE WHERE TABLE_SCHEMA='spark' AND TABLE_NAME='hw_sem4_3' AND REFERENCED_TABLE_NAME IS NOT NULL;
287 SHOW CREATE TABLE `spark`.`hw_sem4_3`;
288 SELECT tc.CONSTRAINT_NAME, cc.CHECK_CLAUSE FROM `information_schema`.`CHECK_CONSTRAINTS` AS cc, `information_schema`.`TABLE_CONSTRAINTS` AS tc WHERE tc.CONSTRAINT_NAME=tc.CONSTRAINT_NAME;
289 SELECT * FROM `spark`.`hw_sem4_3` LIMIT 1000;
290 SHOW CREATE TABLE `spark`.`hw_sem4_1`;
291 SELECT * FROM `spark`.`hw_sem4_1` LIMIT 1000;
292 SHOW CREATE TABLE `spark`.`hw_sem4_2`;
293 SELECT * FROM `spark`.`hw_sem4_2` LIMIT 1000;
294 SHOW CREATE TABLE `spark`.`hw_sem4_3`;
295 SELECT * FROM `spark`.`hw_sem4_3` LIMIT 1000;

```

Выплаты

