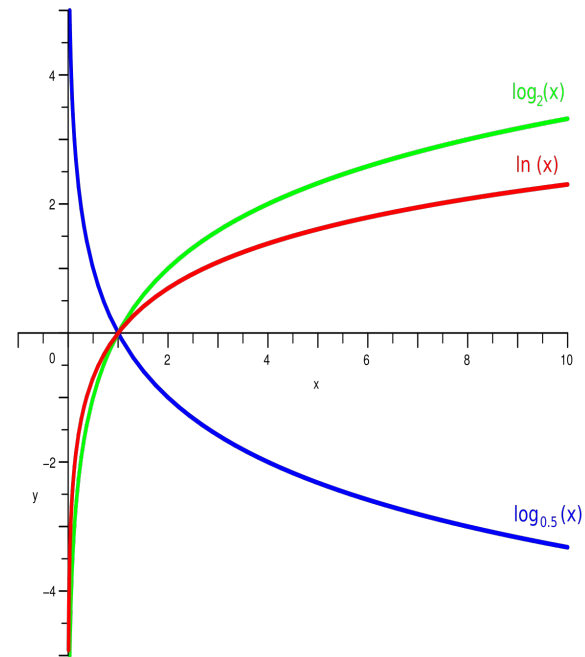




HW2 Review

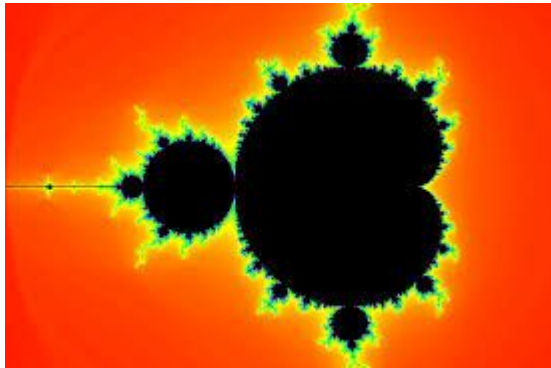
HW2a

- Guided, instead of dynamic
- Distributing one row at a time is too big for big testcases
- Distribute a few pixels at a time



HW2b

- Using the nature of the picture, the workload of neighboring points is almost the same
- Interval assignment



0	1	2	3	4	0
1	2	3	4	0	1
2	3	4	0	1	2
3	4	0	1	2	3
4	0	1	2	3	4



HW2b

- Master-slave
 - Don't waste computing resources
 - You can assign a thread as master, even he can calculate part of the work



Vectorization

- In addition to the main calculation process, avoid operating only one value in register
- Do not use `__m128d` in if, while, for