Amir Yakubov

BDA-2008

Task 1

Command:

```
git clone https://github.com/georgy-schukin/mini-rt
```
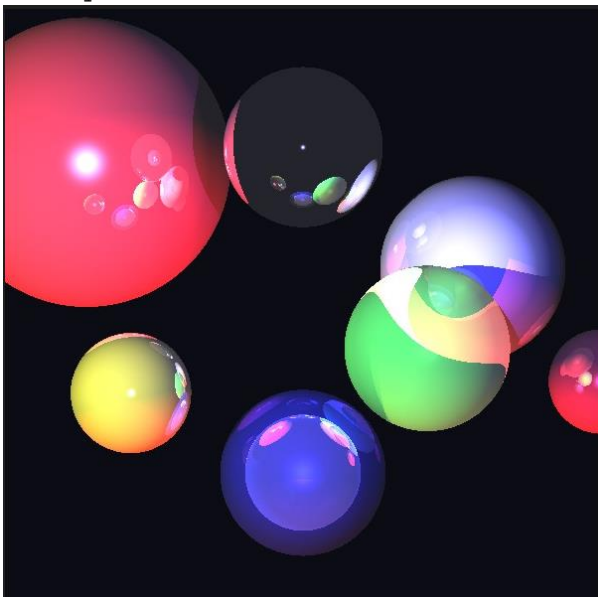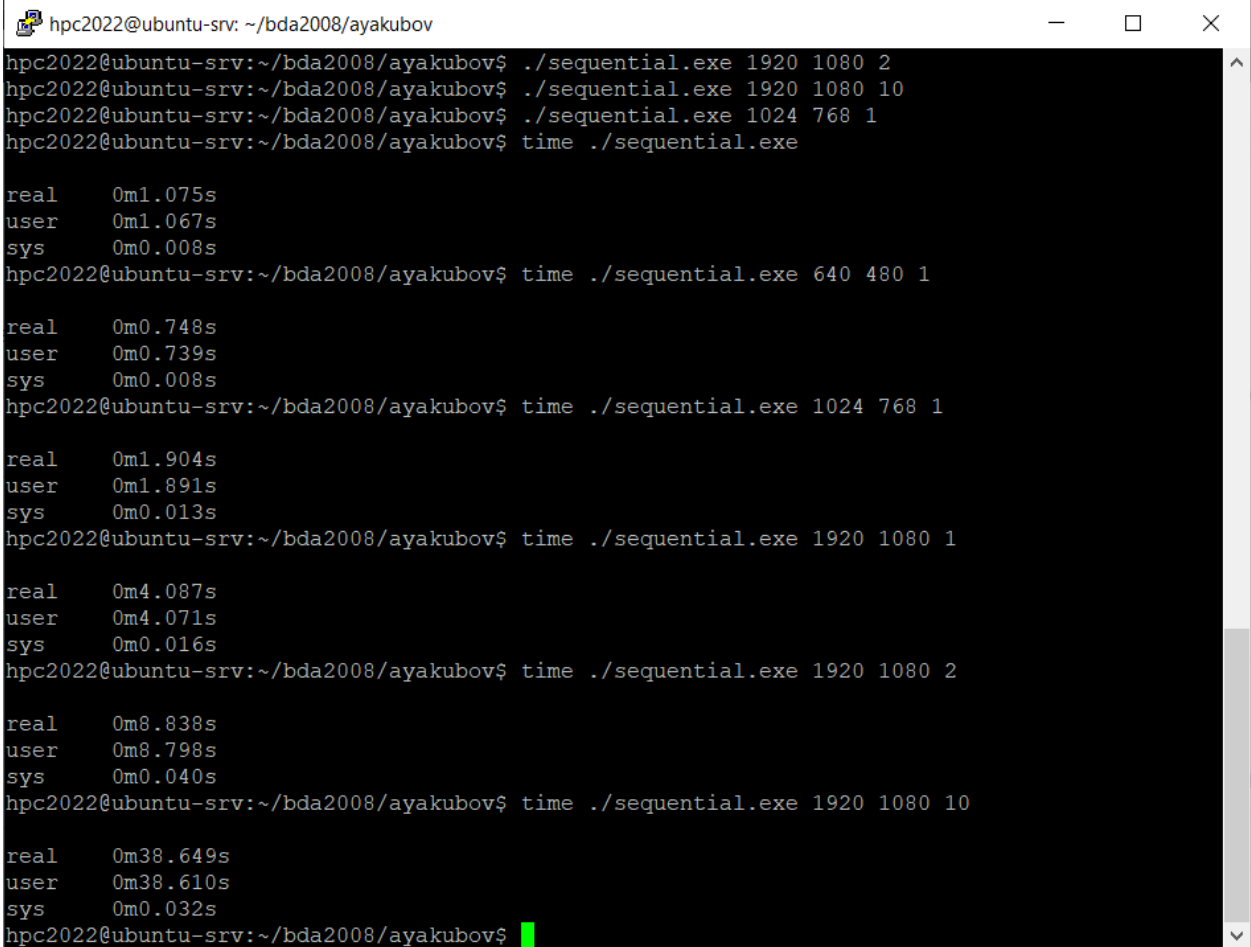

Run the application:

```
./sequential.exe
```

Measure running time of the application with different arguments (image resolution, number of samples, etc). You can use `time` command to measure time:
`time ./sequential.exe <arguments>`

```
hpc2022@ubuntu-srv: ~/bda2008/ayakubov                                    —    □    ✕

hpc2022@ubuntu-srv:~/bda2008/ayakubov$ ./sequential.exe 1920 1080 2
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ ./sequential.exe 1920 1080 10
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ ./sequential.exe 1024 768 1
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ time ./sequential.exe

real    0m1.075s
user    0m1.067s
sys     0m0.008s
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ time ./sequential.exe 640 480 1

real    0m0.748s
user    0m0.739s
sys     0m0.008s
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ time ./sequential.exe 1024 768 1

real    0m1.904s
user    0m1.891s
sys     0m0.013s
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ time ./sequential.exe 1920 1080 1

real    0m4.087s
user    0m4.071s
sys     0m0.016s
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ time ./sequential.exe 1920 1080 2

real    0m8.838s
user    0m8.798s
sys     0m0.040s
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ time ./sequential.exe 1920 1080 10

real    0m38.649s
user    0m38.610s
sys     0m0.032s
hpc2022@ubuntu-srv:~/bda2008/ayakubov$ █
```

Link to GitHub: https://github.com/Am1rrr/hpc