# 1  Implementation

- Defining "grid size" and "block size" as dim3
- Redefining grayScale function to identify array identity from 3D index
- Run as normal

# 2  Result

## 2.1  Text result

```
-- Labwork 4 --
USTH ICT Master 2018, Advanced Programming for HPC.
Warming up...
Starting labwork 4
labwork 4 ellapsed 143.9ms

-- Labwork 3 --
USTH ICT Master 2018, Advanced Programming for HPC.
Warming up...
Starting labwork 3
blockSize: 32
labwork 3 ellapsed 4243.4ms
```
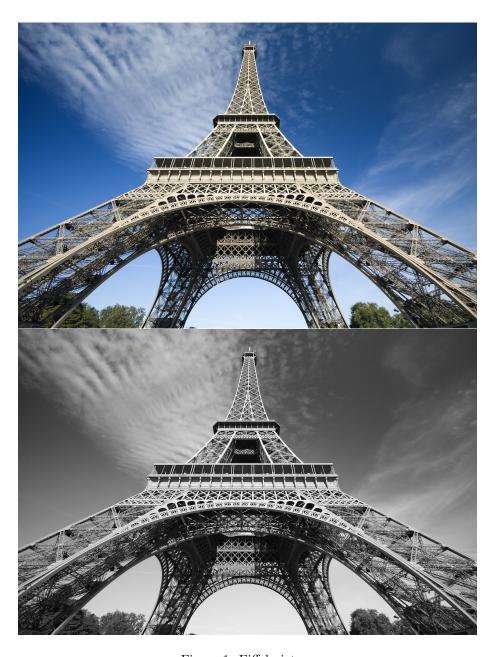
## 2.2  Figure result

Figure 1: Eiffel picture