Task6
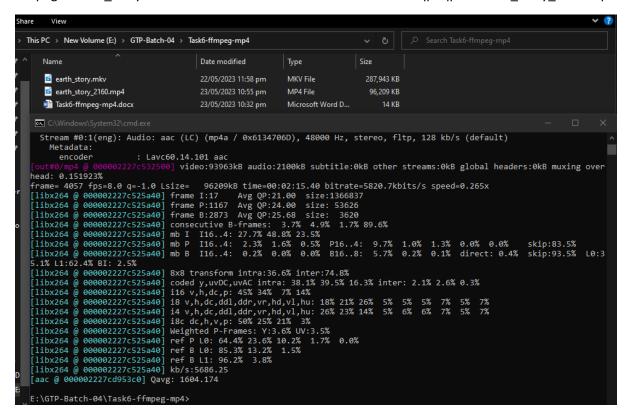
FFMPEG
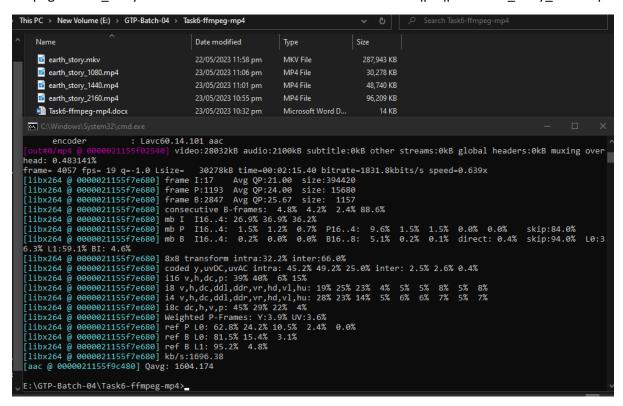
ffmpeg -i earth_story.mkv -c:v libx264 -vf scale=3840:2160 -rc constqp -qp 24 earth_story_2160.mp4

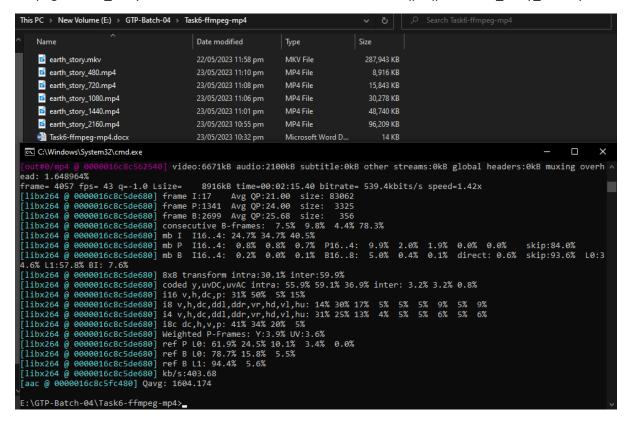ffmpeg -i earth_story.mkv -c:v libx264 -vf scale=2560:1440 -rc constqp -qp 24 earth_story_1440.mp4

ffmpeg -i earth_story.mkv -c:v libx264 -vf scale=1920:1080 -rc constqp -qp 24 earth_story_1080.mp4

ffmpeg -i earth_story.mkv -c:v libx264 -vf scale=1280:720 -rc constqp -qp 24 earth_story_720.mp4

ffmpeg -i earth_story.mkv -c:v libx264 -vf scale=854:480 -rc constqp -qp 24 earth_story_480.mp4

Command Expalanation:

        ffmpeg -i input -c:v libx264 -vf scale=854:480 -rc constqp -qp 24 output

-i Input: Specifies input file.

-c:v libx264: Select the mostly used video codec libx264.

-vf scale: Scaling or resizing the video

-rc constqp -qp: The rate control method and quantization parameters for video encoding.

output: Specifies the output filename