Case	Format	JPEG_Q	WEBP_Q	Scale	ConvexHull	Crop	Grayscale	Downscale	SampleSizeKB	FinalSizeKB	Compression%
WebP default	webp	100	100	1.0	True	False	False	False	343.6	455.11	-32.45
WebP Grayscale + QF	webp	75	75	1.0	True	False	True	False	343.18	190.41	44.51
WebP Grayscale + QF + Crop	webp	75	75	1.0	True	True	True	False	343.87	221.99	35.45
WebP Grayscale + QF + Downscale	webp	75	75	0.75	True	False	True	False	344.14	198.24	42.4
WebP Grayscale + QF + Downscale + Crop	webp	75	75	0.75	True	True	True	False	343.43	223.21	35.0

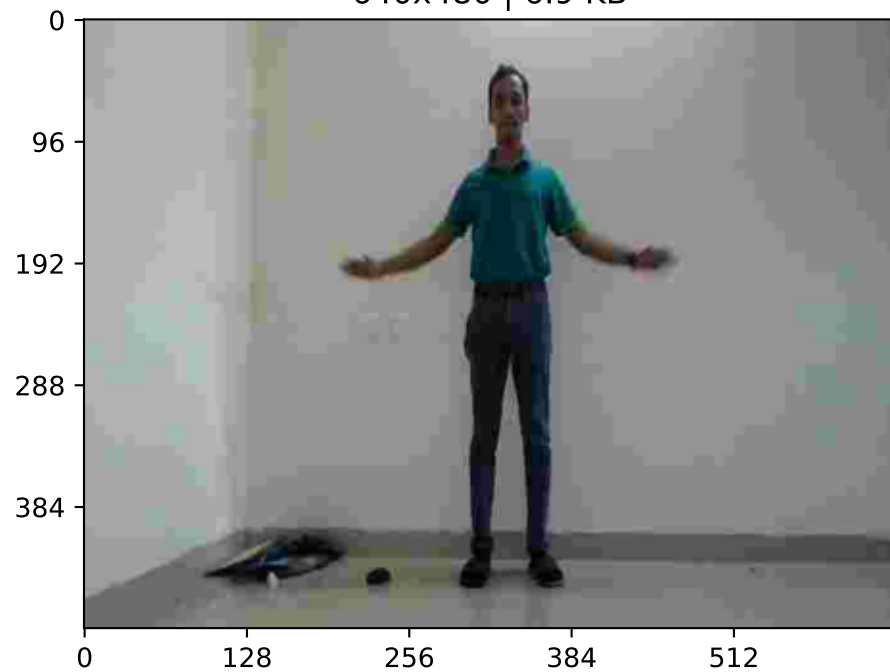Total Folder Size: Test Sample vs Final Result
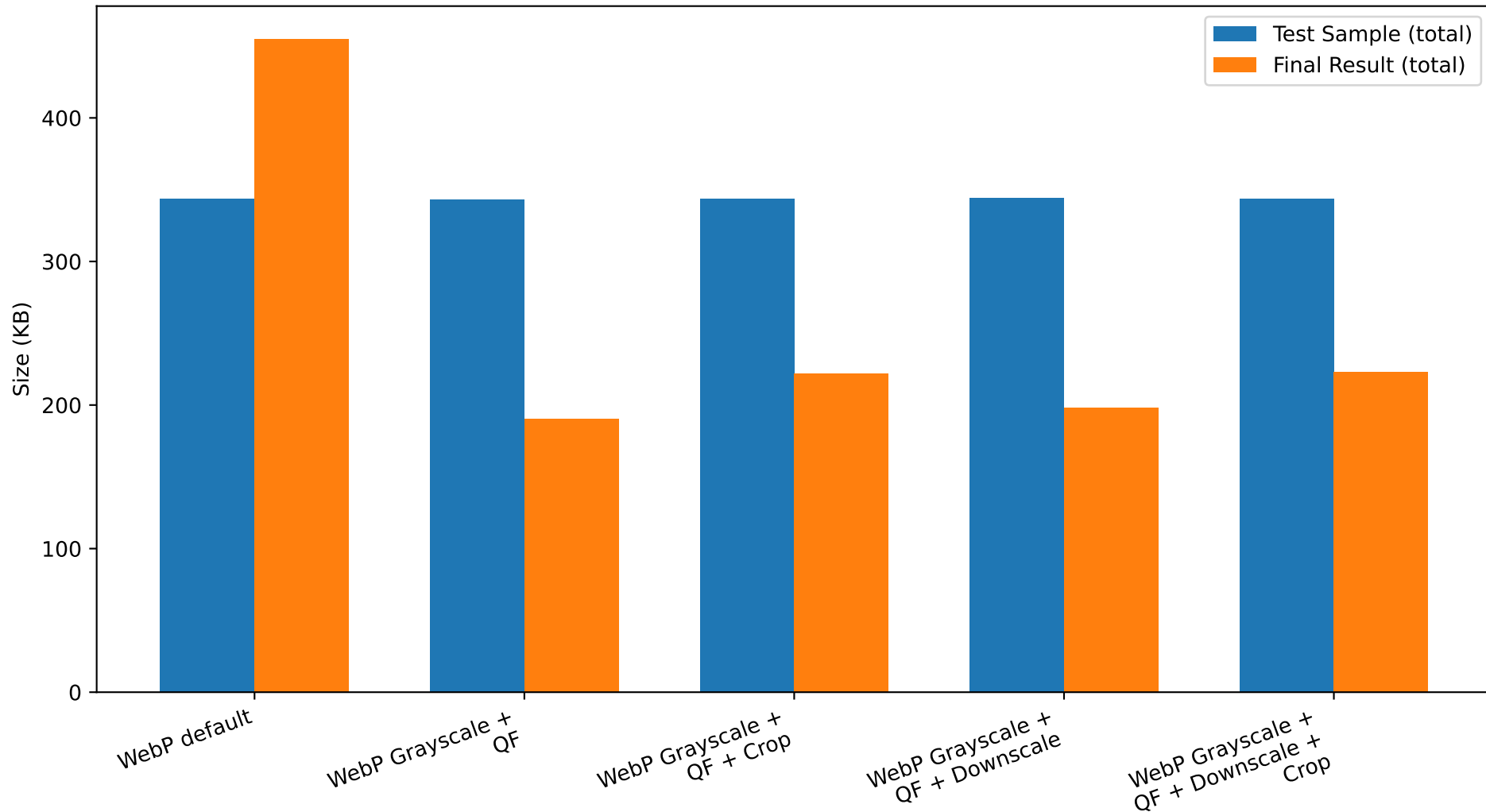
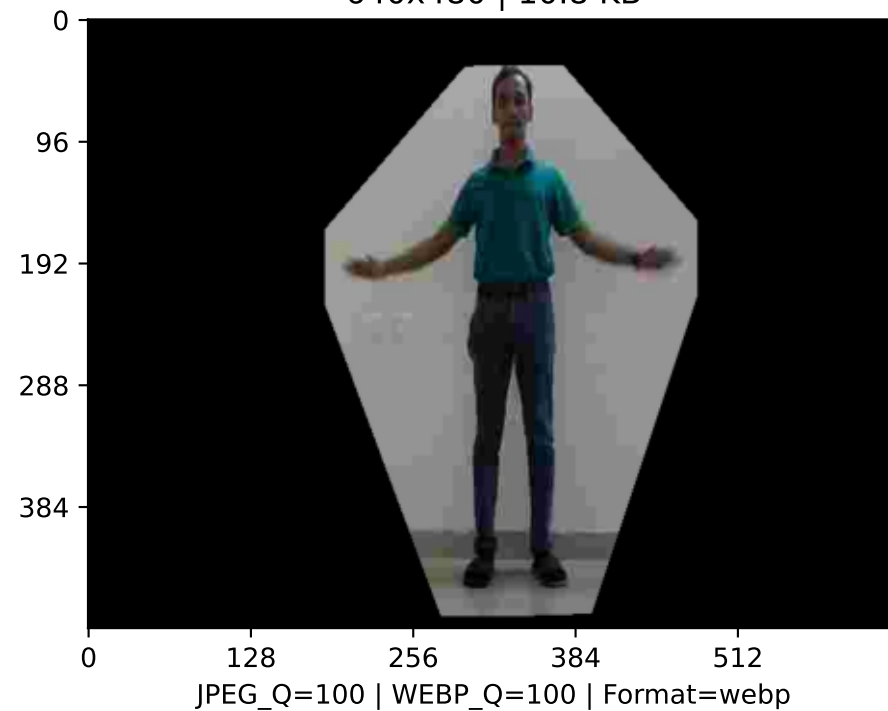Compression Achieved per Test Case
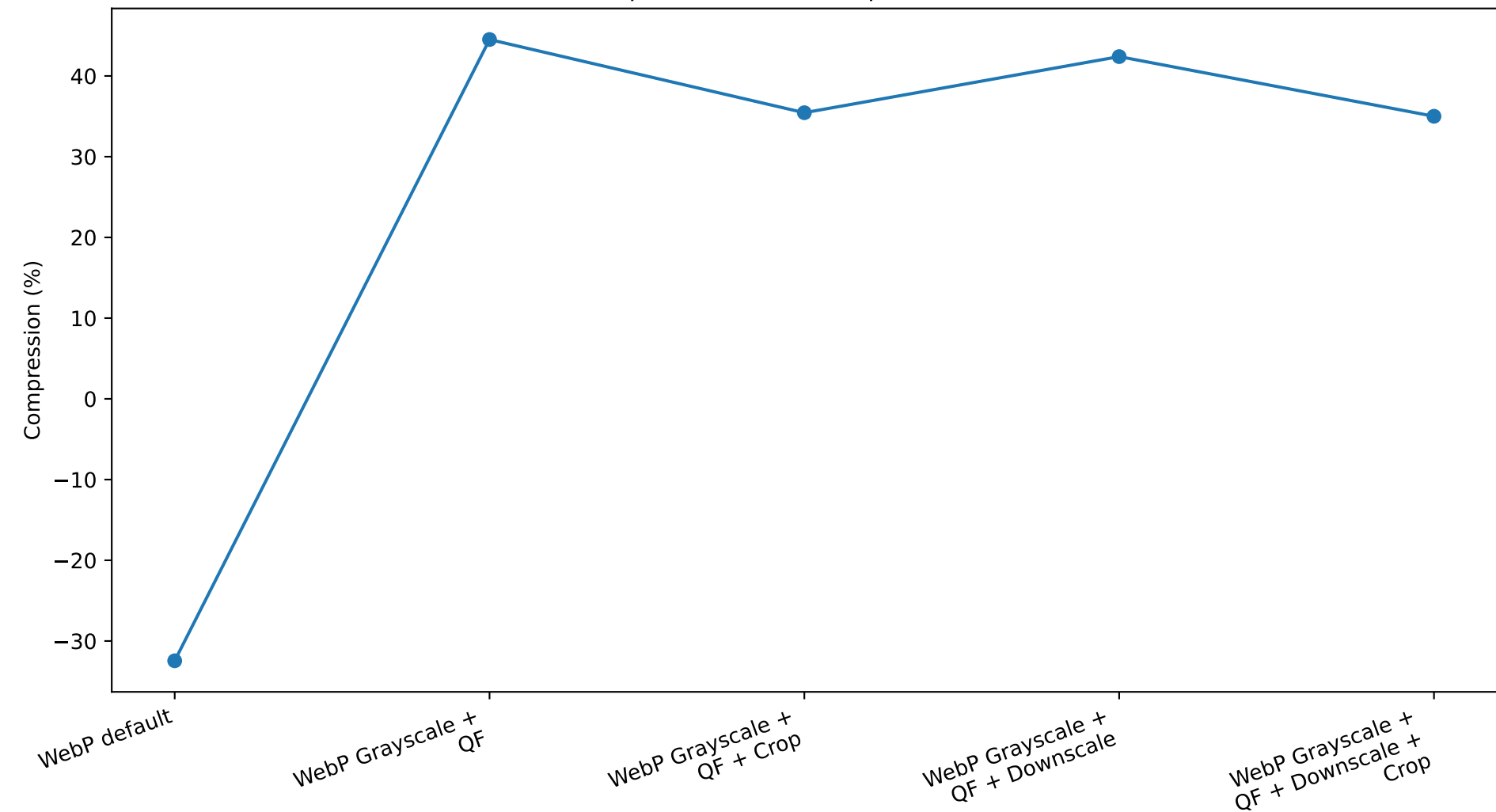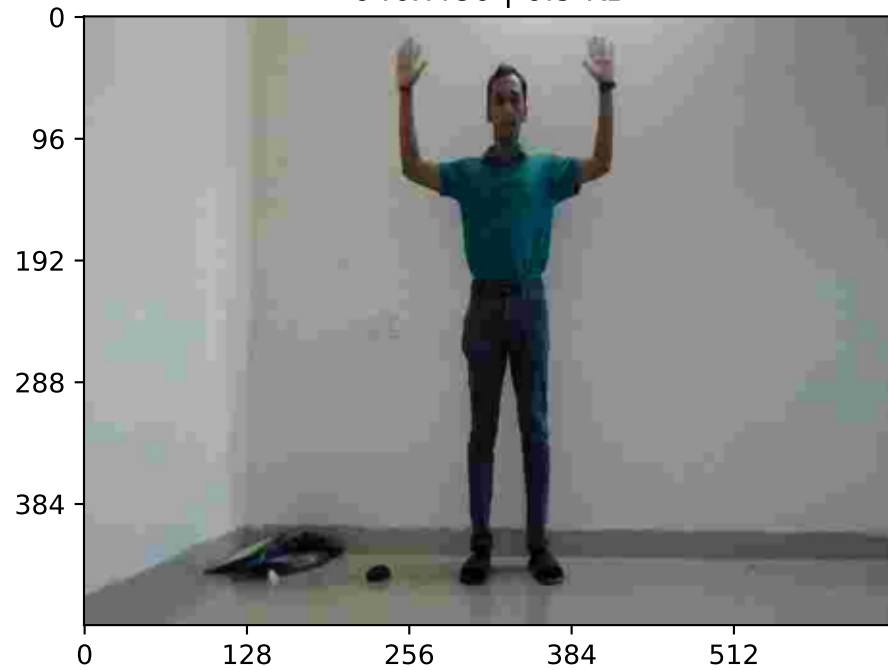
Case 1: WebP default

Sample
640x480 | 6.9 KB

Final
640x480 | 10.8 KB

JPEG_Q=100 | WEBP_Q=100 | Format=webp

Case 2: WebP Grayscale + QF

Sample
640x480 | 6.9 KB

Final
640x480 | 4.0 KB

JPEG_Q=75 | WEBP_Q=75 | Format=webp
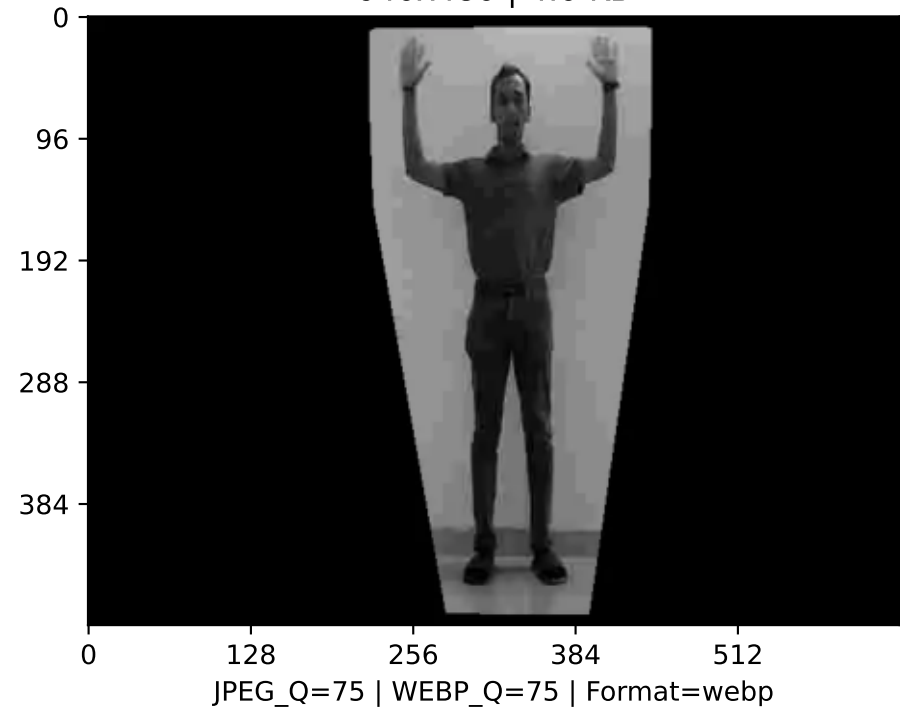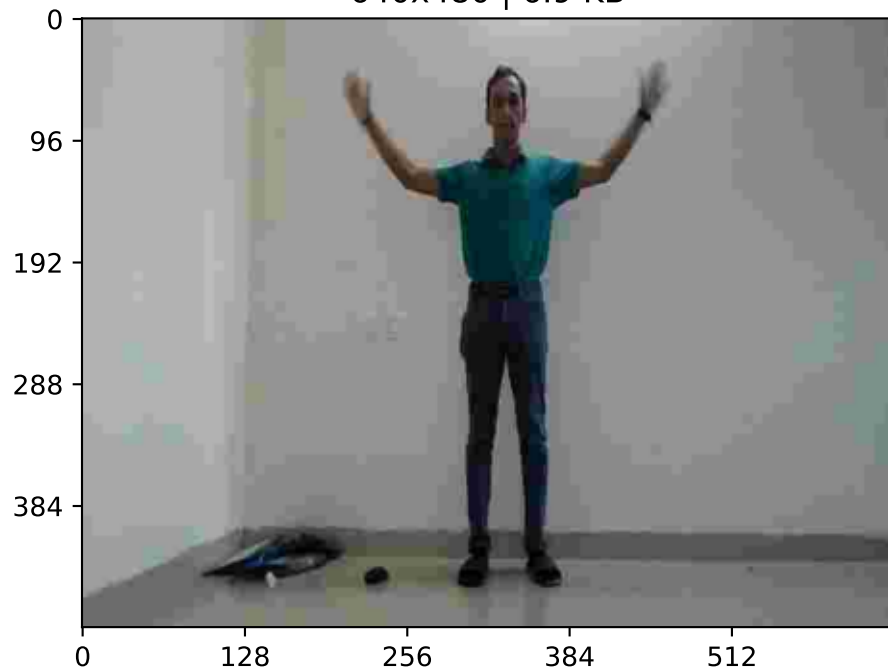
Case 3: WebP Grayscale +
QF + Crop

Sample
640x480 | 6.9 KB

Final
297x445 | 4.8 KB

JPEG_Q=75 | WEBP_Q=75 | Format=webp
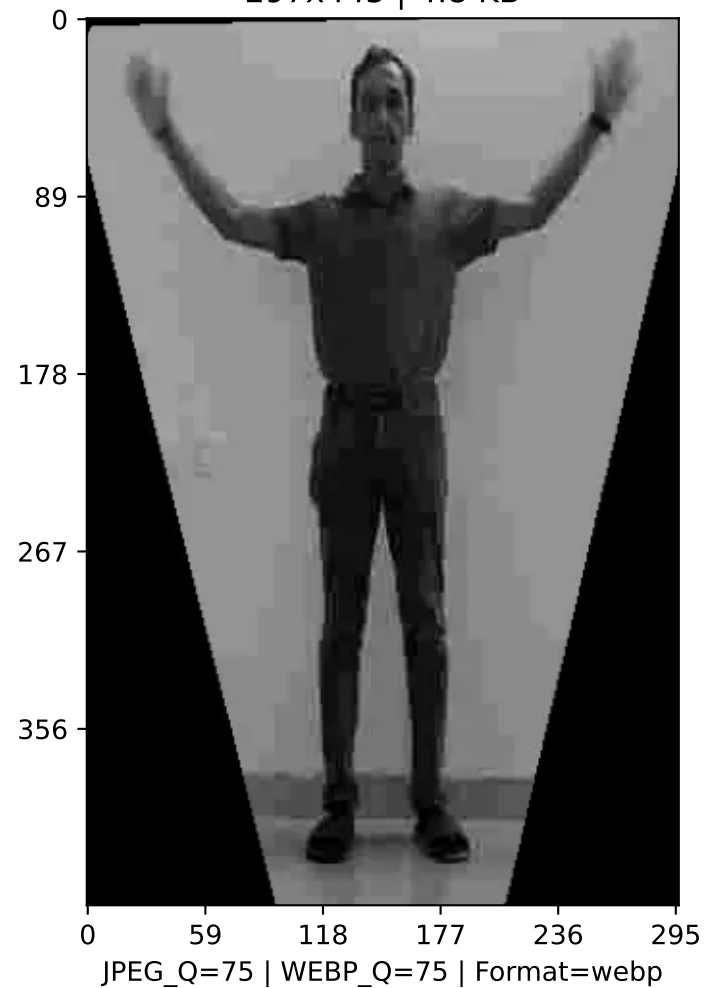
Case 4: WebP Grayscale + QF + Downscale

Sample
640x480 | 6.9 KB

Final
640x480 | 4.0 KB

JPEG_Q=75 | WEBP_Q=75 | Format=webp
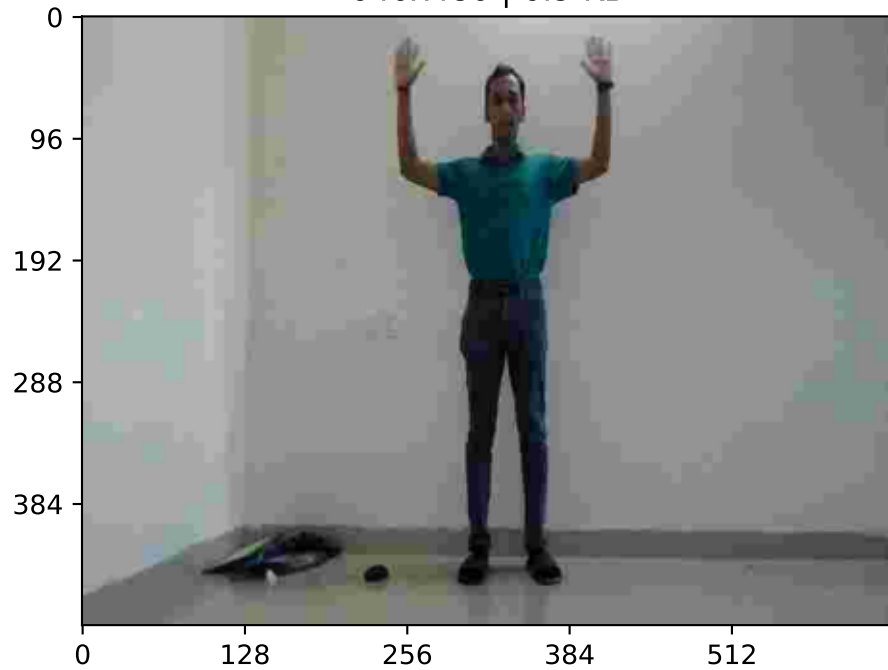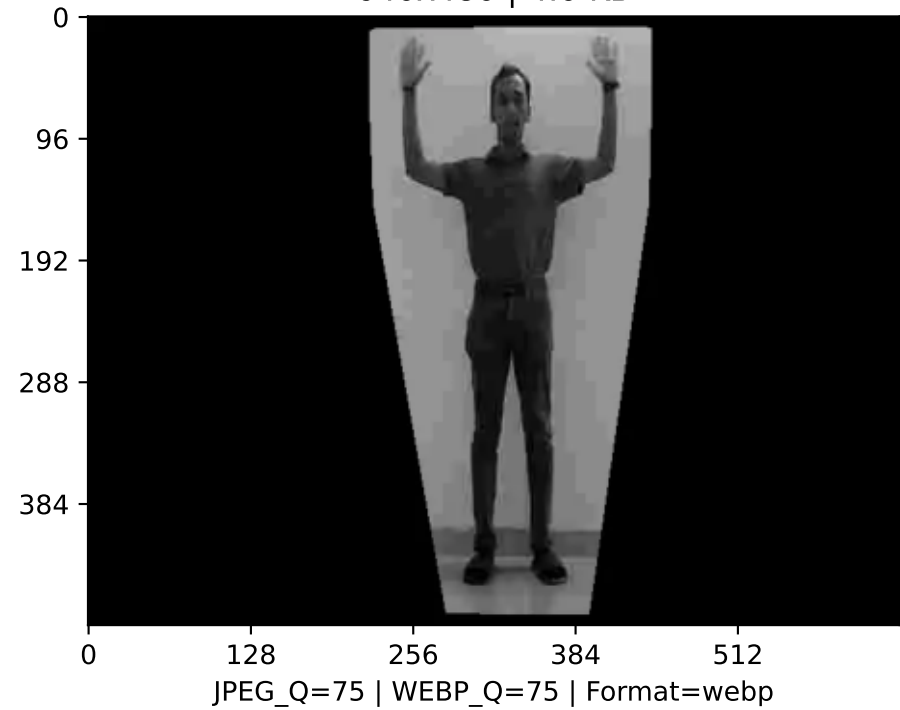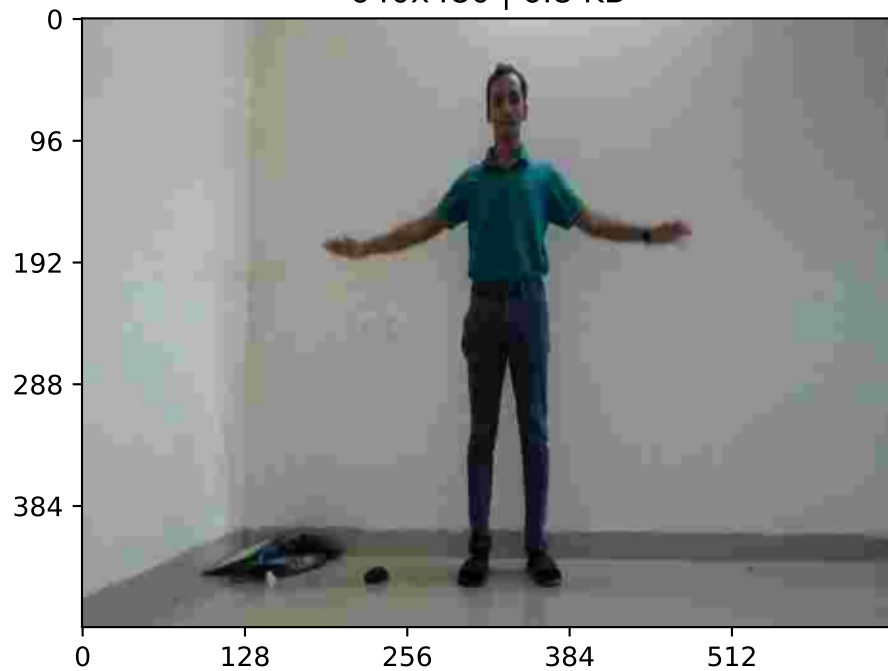
Case 5: WebP Grayscale +
QF + Downscale +
Crop

Sample
640x480 | 6.8 KB

Final
322x432 | 5.4 KB

JPEG_Q=75 | WEBP_Q=75 | Format=webp