

subjects				
P1	Median Filter with l8 Bubble Sort as Kernel			OpenCV
P2	Median Filter with l8 Merge Sort as Kernel			OpenCV
P3	Image Denoising with basic acc as kernel			Hand crafted
P4	KNN with F9 l2norm as Kernel			OpenCV
P5	RGB2YUV			HR
P6	3D rendering			Rosetta
P7	Face Detection			Rosetta

P1--HF						
Time	0	5	15	36	90	180
Div	0	0	5	5	6	6
P1--WithoutSpec						
Time	0	5	15	36	90	180
Div	0	0	0	0	0	1
P1--WithoutMuta						
Time	0	5	15	36	90	180
Div	0	0	0.2	0.2	0.5	1.5
P1--WithoutInvoc						
Time	0	5	15	36	90	180
Div	0	0	0	0	5	5
P1--Naive						
Time	0	5	15	36	90	180
Div	0	0	5	5	6	0
P2--HF						
Time	0	5	15	36	90	180
Div	0	1.5	3	3	4	5.5
P2--WithoutSpec						
Time	0	5	15	36	90	180
Div	0	0	0	0	1	1
P2--WithoutMuta						
Time	0	5	15	36	90	180
Div	0	0	0.2	0.2	0.5	1.2

P2--WithoutInvoc						
Time	0	5	15	36	90	180
Div	0	0	0	1.5	2.5	2.5
P2--Naive						
Time	0	5	15	36	90	180
Div	0	0	0	0	0	0
P3--HF						
Time	0	5	15	36	90	180
Div	0	2.5	4	4.2	4.5	4.5
P3--WithoutSpec						
Time	0	5	15	36	90	180
Div	0	0	0	0	0	0
P3--WithoutMuta						
Time	0	5	15	36	90	180
Div	0	0	0	0	0	1
P3--WithoutInvoc						
Time	0	5	15	36	90	180
Div	0	0	0	2.2	4	4
P3--Naive						
Time	0	5	15	36	90	180
Div	0	0	0	0	0	0

P4--HF						
Time	0	5	15	36	90	180
Div	0	2.5	2.5	4	4.2	4.7
P4--WithoutSpec						
Time	0	5	15	36	90	180
Div	0	0	1	1	1	1.8
P4--WithoutMuta						
Time	0	5	15	36	90	180
Div	0	1	1	1.2	1.8	3.7
P4--WithoutInvoc						
Time	0	5	15	36	90	180
Div	0	0	0	2.2	4	4
P4--Naive						
Time	0	5	15	36	90	180
Div	0	0	0	1	1	1
P5--HF						
Time	0	5	15	36	90	180
Div	0	1	3.5	6.2	6.5	7
P5--WithoutSpec						
Time	0	5	15	36	90	180
Div	0	0	0	1	1	1.7
P5--WithoutMuta						
Time	0	5	15	36	90	180

Div	0	0	0.5	1.2	1.2	1.8
P5--WithoutInvoc						
Time	0	5	15	36	90	180
Div	0	0	1	1	3.5	3.5
P5--Naive						
Time	0	5	15	36	90	180
Div	0	0	0	0	0	1
P6--HF						
Time	0	5	15	36	90	180
Div	0	3	5	6	6	9
P6--WithoutSpec						
Time	0	5	15	36	90	180
Div	0	0	0	0	1	2
P6--WithoutMuta						
Time	0	5	15	36	90	180
Div	0	0.5	0.5	1.7	2	2.5
P6--WithoutInvoc						
Time	0	5	15	36	90	180
Div	0	0	0	3	5	6
P6--Naive						
Time	0	5	15	36	90	180
Div	0	0	0	0	0	0

P7--HF						
Time	0	5	15	36	90	180
Div	0	1	5.5	7	9	9
P7--WithoutSpec						
Time	0	5	15	36	90	180
Div	0	0	0	1	1	2
P7--WithoutMuta						
Time	0	5	15	36	90	180
Div	0	0.2	1	1	2.7	5
P7--WithoutInvoc						
Time	0	5	15	36	90	180
Div	0	0	1	1	5.5	7
P7--Naive						
Time	0	5	15	36	90	180
Div	0	0	0	0	0	1

24-hour limit		
Benchmarks	HF	WithoutSelective
P1	49200	14426
P2	51000	5760
P3	51004	8843
P4	62016	27182
P5	43000	18495
P6	48351	14584
P7	40839	10516

[illegible]

Median Filter with I8 Bubble Sort as Kernel	
1	0.167, 0.167, 0.167, 0.167, 0.167, 0.167
10	0.167, 0.167, 0.167, 0.167, 0.167, 0.167
100	0.1566, 0.217, 0.1566, 0.1566, 0.1566, 0.1566
1000	0.1466, 0.207, 0.1466, 0.2066, 0.1466, 0.1466
2000	0.1266, 0.247, 0.1266, 0.1866, 0.1266, 0.1866
5000	0.1166, 0.237, 0.1166, 0.1766, 0.1166, 0.2366
10000	0.0966, 0.277, 0.0966, 0.1566, 0.1566, 0.2166