0 0 0.0008 0.000357143 0.0006 0.0002 Faster 25% 0,0 2c92a24 10 A 0.00015 5.71429E-05 0.0001 0.00005 Faster 33% 0,A 50 32 0.00025 0.000157143 0.00015 0.0001 Faster 40% 0,32 100 64 0.00035 0.000228571 0.00025 0.0001 Faster 29% 0,64 500 1F4 0.00145 0.00095 0.0005 Faster 34% 0,1F4 1000 3E8 0.00205 0.001485714 0.0013 0.00075 Faster 37% 0,3E8 5000 1388 0.00805 0.007128571 0.006 0.00205 Faster 25% 0,1388 10000 2710 0.01405 0.014857143 0.0116 0.00245 Faster 17% 0,2710 50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 1000000 F4240 1.303		Unicode.java 20-Run	Unicode.java 70-Run Peformance	New			
10 A 0.00015 5.71429E-05 0.0001 0.00005 Faster 33% 0,A 50 32 0.00025 0.000157143 0.00015 0.0001 Faster 40% 0,32 100 64 0.00035 0.000228571 0.00025 0.0001 Faster 29% 0,64 500 1F4 0.00145 0.000914286 0.00095 0.0005 Faster 34% 0,1F4 1000 3E8 0.00205 0.001485714 0.0013 0.00075 Faster 37% 0,3E8 5000 1388 0.00805 0.007128571 0.006 0.00205 Faster 25% 0,1388 10000 2710 0.01405 0.014857143 0.0116 0.00245 Faster 17% 0,2710 50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,F4240 100000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40	Dec Hex	Peformance Test (Avg. Time)	Test (Avg. Time)	Implementation	Improvement Fast	t/Slow Improvement2 Concatenated	Implementation
50 32 0.00025 0.000157143 0.00015 0.0001 Faster 40% 0,32 100 64 0.00035 0.000228571 0.00025 0.0001 Faster 29% 0,64 500 1F4 0.00145 0.000914286 0.00095 0.0005 Faster 34% 0,1F4 1000 3E8 0.00205 0.001485714 0.0013 0.00075 Faster 37% 0,3E8 5000 1388 0.00805 0.007128571 0.006 0.00205 Faster 25% 0,1388 10000 2710 0.01405 0.014857143 0.0116 0.00245 Faster 17% 0,2710 50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 100000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4840 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	0 0	0.0008	0.000357143	0.0006	0.0002 Fast	ter 25% 0,0	2c92a24
100 64 0.00035 0.000228571 0.00025 0.0001 Faster 29% 0,64 500 1F4 0.00145 0.000914286 0.00095 0.0005 Faster 34% 0,1F4 1000 3E8 0.00205 0.001485714 0.0013 0.00075 Faster 37% 0,3E8 5000 1388 0.00805 0.007128571 0.006 0.00205 Faster 25% 0,1388 10000 2710 0.01405 0.014857143 0.0116 0.00245 Faster 17% 0,2710 50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 100000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	10 A	0.00015	5.71429E-05	0.0001	0.00005 Fast	ter 33% 0,A	
500 1F4 0.00145 0.000914286 0.00095 0.0005 Faster 34% 0,1F4 1000 3E8 0.00205 0.001485714 0.0013 0.00075 Faster 37% 0,3E8 5000 1388 0.00805 0.007128571 0.006 0.00205 Faster 25% 0,1388 10000 2710 0.01405 0.014857143 0.0116 0.00245 Faster 17% 0,2710 50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 100000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	50 32	0.00025	0.000157143	0.00015	0.0001 Fast	ter 40% 0,32	
1000 3E8 0.00205 0.001485714 0.0013 0.00075 Faster 37% 0,3E8 5000 1388 0.00805 0.007128571 0.006 0.00205 Faster 25% 0,1388 10000 2710 0.01405 0.014857143 0.0116 0.00245 Faster 17% 0,2710 50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 100000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	100 64	0.00035	0.000228571	0.00025	0.0001 Fast	ter 29% 0,64	
5000 1388 0.00805 0.007128571 0.006 0.00205 Faster 25% 0,1388 10000 2710 0.01405 0.014857143 0.0116 0.00245 Faster 17% 0,2710 50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 1000000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	500 1F4	0.00145	0.000914286	0.00095	0.0005 Fast	ter 34% 0,1F4	
10000 2710 0.01405 0.014857143 0.0116 0.00245 Faster 17% 0,2710 50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 1000000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	1000 3E8	0.00205	0.001485714	0.0013	0.00075 Fast	ter 37% 0,3E8	
50000 C350 0.05745 0.068671429 0.05105 0.0064 Faster 11% 0,C350 100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 1000000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	5000 1388	0.00805	0.007128571	0.006	0.00205 Fast	ter 25% 0,1388	
100000 186A0 0.1203 0.158357143 0.11055 0.00975 Faster 8% 0,186A0 500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 1000000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	10000 2710	0.01405	0.014857143	0.0116	0.00245 Fast	ter 17% 0,2710	
500000 7A120 0.6576 0.8372 0.60435 0.05325 Faster 8% 0,7A120 1000000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	50000 C350	0.05745	0.068671429	0.05105	0.0064 Fast	ter 11% 0,C350	
1000000 F4240 1.3039 1.691271429 1.1924 0.1115 Faster 9% 0,F4240 5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	100000 186A0	0.1203	0.158357143	0.11055	0.00975 Fast	ter 8% 0,186A0	
5000000 4C4B40 4.0008 5.1687 3.73305 0.26775 Faster 7% 0,4C4B40	500000 7A120	0.6576	0.8372	0.60435	0.05325 Fast	ter 8% 0,7A120	
	1000000 F4240	1.3039	1.691271429	1.1924	0.1115 Fast	ter 9% 0,F4240	
10000000 989680 6.2537 8.115685714 6.01635 0.23735 Faster 4% 0,989680	5000000 4C4B40	4.0008	5.1687	3.73305	0.26775 Fast	ter 7% 0,4C4B40	
	10000000 989680	6.2537	8.115685714	6.01635	0.23735 Fast	ter 4% 0,989680	
15000000 E4E1C0 8.3956 11.64188571 8.2967 0.0989 Faster 1% 0,E4E1C0	15000000 E4E1C0	8.3956	11.64188571	8.2967	0.0989 Fast	ter 1% 0,E4E1C0	
17825791 10FFFFF 9.6626 13.06918571 9.5742 0.0884 Faster 1% 0,10FFFFF	17825791 10FFFFF	9.6626	13.06918571	9.5742	0.0884 Fast	ter 1% 0,10FFFFF	