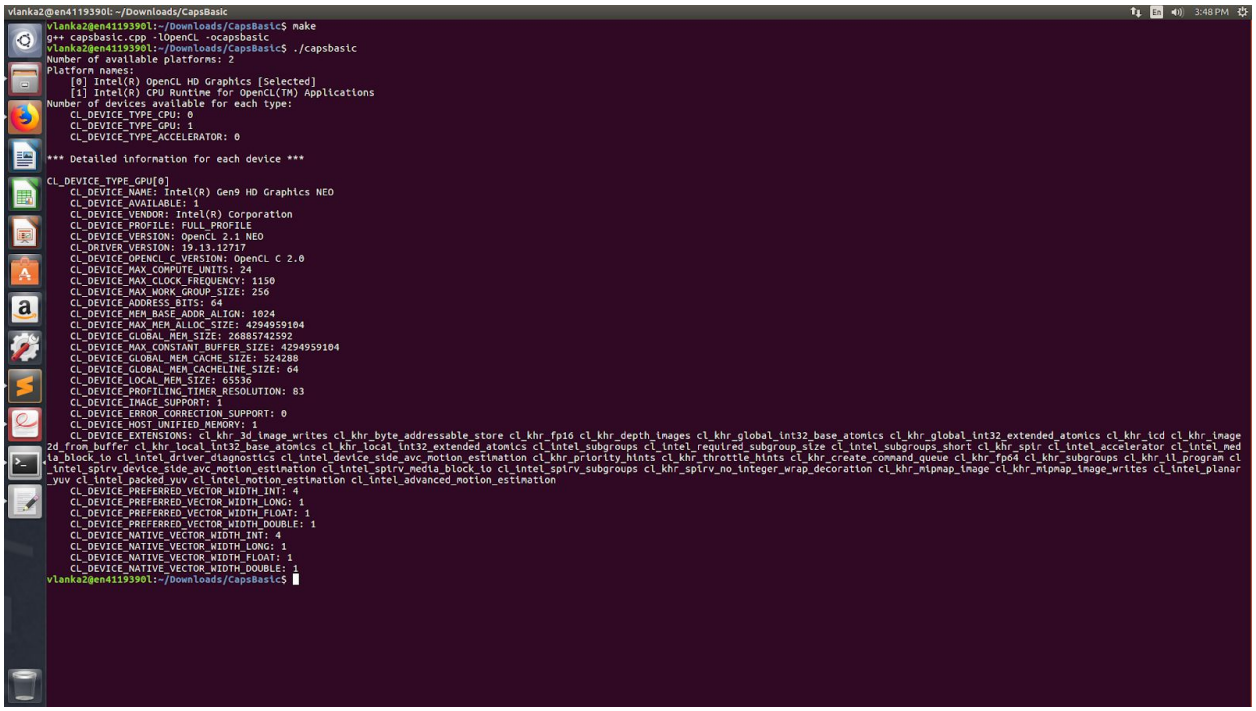
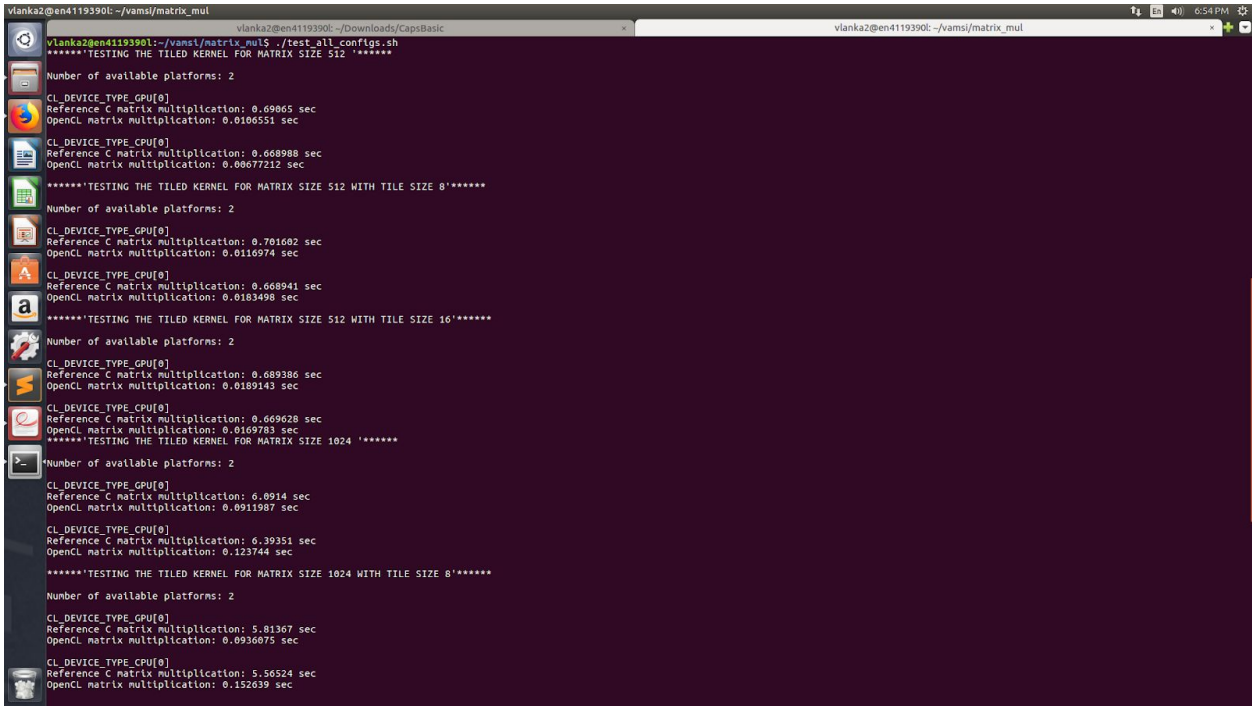
TABLE OF MEASURED EXECUTION TIMES:

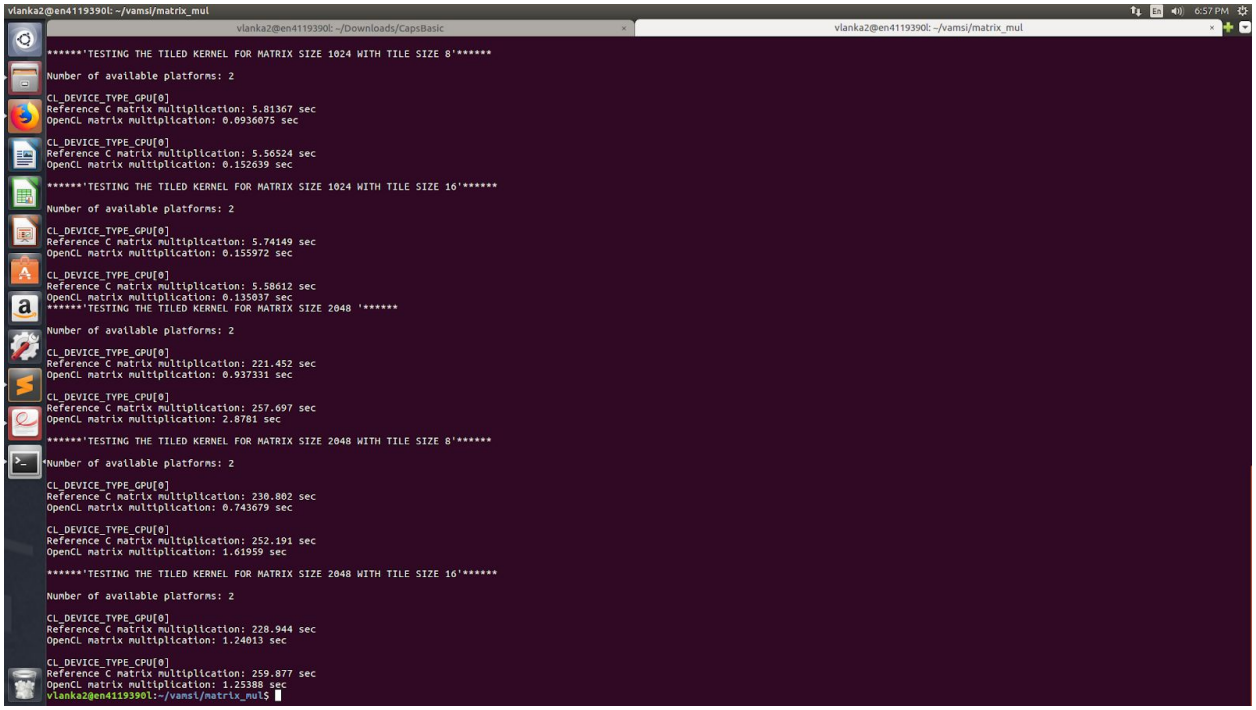
Matrix Size	Reference Implementation (Single thread)	OpenCL on CPU			OpenCL on GPU		
		Normal kernel	Tiled kernel (tile_size= 8)	Tiled kernel (tile_size= 16)	Normal kernel	Tiled kernel (tile_size= 8)	Tiled kernel (tile_size= 16)
512x512	0.6938793	0.0067721	0.0183498	0.0169783	0.0106551	0.0116974	0.0189143
1024x1024	5.865238	0.123744	0.152639	0.135037	0.0911987	0.0936075	0.155972
2048x2048	241.8271	2.8781	1.61959	1.25388	0.937331	0.743679	1.24013

**Note : All the values in the above table refers to time in seconds.

- Below attached is the screenshot of model of the CPU and GPU of the machine on which you collect the measurement data:







The above two are the screenshots while running the test script which runs the main.cpp and prints the outputs on the terminal for all the specified combinations.