

CLOUD COMPUTING HOMEWORK – 3

PAVANI RANGINENI - A20516359

BOLLA NAGARJUNA – A20524548

SARA ATAULLAH - A20503938

Model	Type	Size	Threads	OneAPI Throughput (GFlops)	PThread Throughput (GFlops/s)	HPL Throughput (GFlops/s)
matrix	single	small	4	1.397869	2.989756	-
matrix	single	medium	4	1.731286	0.917563	-
matrix	single	large	4	1.698712	0.356176	-
matrix	double	small	4	2.978132	5.689612	580
matrix	double	medium	4	3.156789	0.645237	167
matrix	double	large	4	3.386798	0.094561	198
matrix	single	small	6	4.986732	-	-
matrix	single	medium	6	5.871231	-	-
matrix	single	large	6	6.561231	-	-
matrix	double	small	6	8.561423	-	-
matrix	double	medium	6	10.012456	-	-
matrix	double	large	6	10.561789	-	-