Ayacm Bajwa 100864399 student no.

Task 1: Merse sort

11, 1, 30, 2, 51, 6, 29, 7, 67, 15, 118, 4, 81, 3 11,1,30,2,51,6,29 7,67,15,118,4,89,23 11, 1, 30, 2 51, 6, 29 7, 67, 15, 118 4, 89, 22 29 7,67 15,118 4,89 23 30,2 51,6 7,67 15,1184,89 23 2,30 7,15,67,111 1,2,11,30 4,7,15,23,67,89,118 1,2,6,11,29,30,51 Iteration 1,2,46,311,15,23,29,3951,67,89,18

Ayaan Bajwa 100864399

Tagh 1: Queck sort

Product IP Array:

1, 2, 6, 7, 4, 11 29, 15, 118, 23, 30 118, 51, 67, 89, 23 1, 2, 6, 7, 4, 11 29, 15, 118, 51, 67, 89, 23 1, 2, 6, 7, 4, 11 29, 15, 23, 30 118, 51, 67, 89 15, 23, 29, 30 51, 67, 89, 118

1,2,4,6,3,11,15,23,29,30,51,67,89,11