## **DISCRETE EVENT SIMULATOR**

| FILE NAME        | NUMBER OF INSTRUCTIONS EXECUTED | NUMBER OF<br>CYCLES TAKEN | INSTRUCTIONS<br>PER CYCLE |
|------------------|---------------------------------|---------------------------|---------------------------|
| 1-even.asm       | 39                              | 1598                      | 0.0244055068836           |
| 2-prime.asm      | 479                             | 19263                     | 0.0248663240409           |
| 3-descending.asm | 393                             | 16284                     | 0.02413411938099          |
| 4-histogram.asm  | 149                             | 6241                      | 0.02387437910591          |
| 5-fibonacci.asm  | 76                              | 3098                      | 0.02453195610071          |
| 6-arithmetic.asm | 87                              | 3547                      | 0.02452776994643          |
| evenorodd.asm    | 6                               | 248                       | 0.0241935483871           |
| descending.asm   | 277                             | 11528                     | 0.02402845246357          |