Analysis Of YACS Logs

# Analysis of Jobs

## RANDOM Scheduling algorithm:

1. Mean Completion Time : 6.3077 seconds  
 2. Median Completion Time : 6.1736 seconds

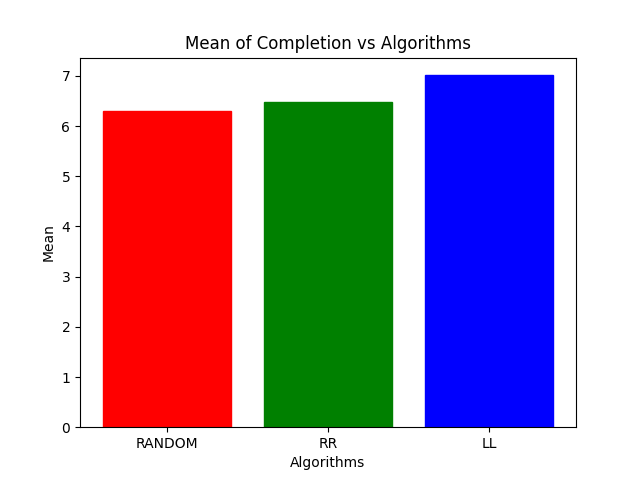
## RR Scheduling algorithm:

1. Mean Completion Time : 6.4862 seconds  
 2. Median Completion Time : 6.7417 seconds

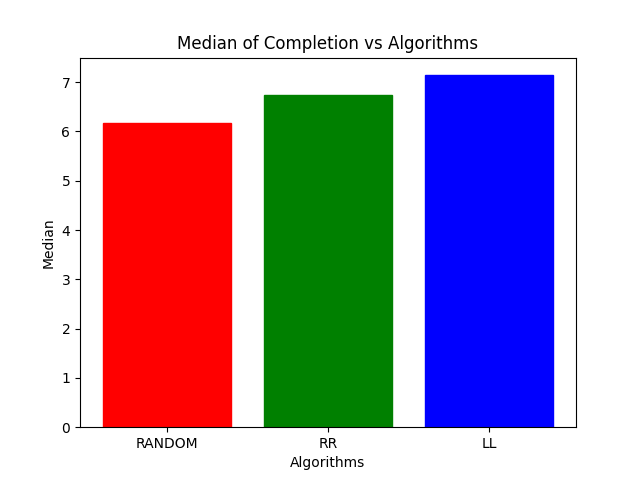
## LL Scheduling algorithm:

1. Mean Completion Time : 7.0138 seconds  
 2. Median Completion Time : 7.1412 seconds

# Mean Comparison



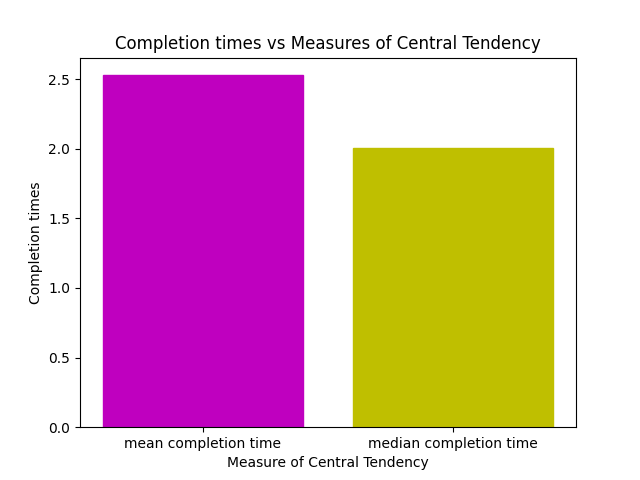
# Median Comparison



# Analysis of Tasks

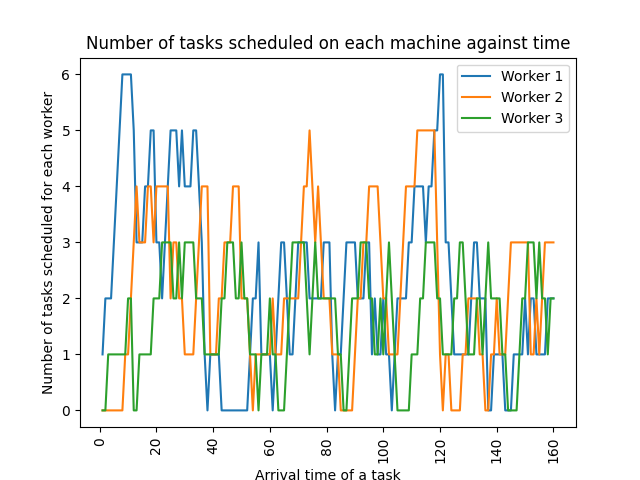
## RANDOM Scheduling algorithm:

1. Mean Completion Time : 2.5274 seconds  
 2. Median Completion Time : 2.0027 seconds



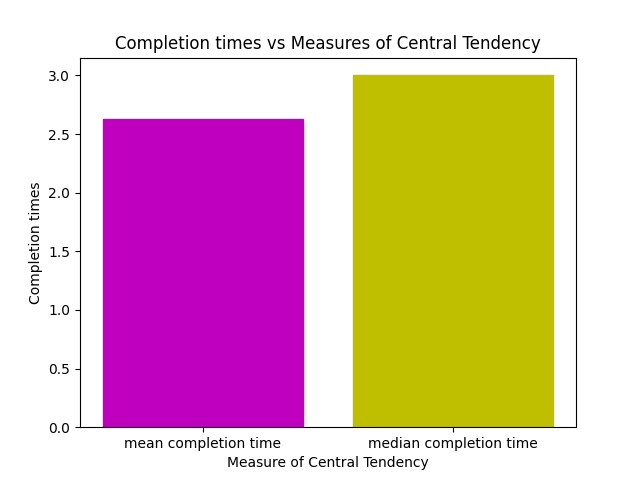
**Plot**

DATE ARRIVAL TIME X-AXIS EQUIVALENTS  
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2020-12-01 20:49:41.217191 3  
2020-12-01 20:49:42.525255 4  
2020-12-01 20:49:42.576697 5  
2020-12-01 20:49:42.671919 6  
2020-12-01 20:49:42.723766 7  
2020-12-01 20:49:42.775985 8  
2020-12-01 20:49:42.827761 9  
2020-12-01 20:49:42.905347 10  
2020-12-01 20:49:42.957276 11  
2020-12-01 20:49:45.265559 12  
2020-12-01 20:49:45.266063 13  
2020-12-01 20:49:45.360719 14  
2020-12-01 20:49:45.669091 15  
2020-12-01 20:49:45.669514 16  
2020-12-01 20:49:45.715692 17  
2020-12-01 20:49:45.767369 18  
2020-12-01 20:49:46.053181 19  
2020-12-01 20:49:46.873947 20  
2020-12-01 20:49:47.502648 21  
2020-12-01 20:49:47.554522 22  
2020-12-01 20:49:47.606363 23  
2020-12-01 20:49:47.658384 24  
2020-12-01 20:49:48.357701 25  
2020-12-01 20:49:48.415502 26  
2020-12-01 20:49:48.504162 27  
2020-12-01 20:49:48.769898 28  
2020-12-01 20:49:48.857414 29  
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2020-12-01 20:49:53.937641 37  
2020-12-01 20:49:53.938032 38  
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2020-12-02 13:39:21.910278 47  
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2020-12-02 13:39:31.777215 57  
2020-12-02 13:39:31.777287 58  
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2020-12-04 13:21:16.951790 67  
2020-12-04 13:21:16.994299 68  
2020-12-04 13:21:17.075069 69  
2020-12-04 13:21:17.128159 70  
2020-12-04 13:21:17.175500 71  
2020-12-04 13:21:17.409773 72  
2020-12-04 13:21:18.207792 73  
2020-12-04 13:21:18.753949 74  
2020-12-04 13:21:18.754089 75  
2020-12-04 13:21:19.014766 76  
2020-12-04 13:21:19.015463 77  
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2020-12-04 13:21:20.515074 79  
2020-12-04 13:21:21.228370 80  
2020-12-04 13:21:21.228873 81  
2020-12-04 13:25:53.914461 82  
2020-12-04 13:25:53.967583 83  
2020-12-04 13:25:54.020109 84  
2020-12-04 13:25:57.113892 85  
2020-12-04 13:25:57.114654 86  
2020-12-04 13:25:57.827788 87  
2020-12-04 13:25:59.675761 88  
2020-12-04 13:25:59.728233 89  
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2020-12-04 13:26:00.445154 92  
2020-12-04 13:26:00.497697 93  
2020-12-04 13:26:00.541026 94  
2020-12-04 13:26:01.321495 95  
2020-12-04 13:26:01.950534 96  
2020-12-04 13:26:01.951255 97  
2020-12-04 13:26:03.739641 98  
2020-12-04 13:26:03.740117 99  
2020-12-04 13:26:04.406284 100  
2020-12-04 13:26:04.406881 101  
2020-12-04 13:26:04.407477 102  
2020-12-04 13:27:18.008932 103  
2020-12-04 13:27:18.061436 104  
2020-12-04 13:27:18.412282 105  
2020-12-04 13:27:18.465353 106  
2020-12-04 13:27:18.517968 107  
2020-12-04 13:27:18.611054 108  
2020-12-04 13:27:18.664510 109  
2020-12-04 13:27:19.689730 110  
2020-12-04 13:27:19.742056 111  
2020-12-04 13:27:19.795235 112  
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2020-12-04 13:27:24.145851 122  
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2020-12-04 13:29:28.732002 125  
2020-12-04 13:29:28.783964 126  
2020-12-04 13:29:29.677333 127  
2020-12-04 13:29:29.729632 128  
2020-12-04 13:29:30.729988 129  
2020-12-04 13:29:31.839672 130  
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2020-12-04 13:29:31.945772 132  
2020-12-04 13:29:31.993435 133  
2020-12-04 13:29:33.038838 134  
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2020-12-04 13:29:35.084407 137  
2020-12-04 13:29:35.128010 138  
2020-12-04 13:29:35.128533 139  
2020-12-04 13:29:35.160679 140  
2020-12-04 13:29:37.263061 141  
2020-12-04 13:29:39.140630 142  
2020-12-04 13:30:14.650304 143  
2020-12-04 13:30:14.687769 144  
2020-12-04 13:30:14.741989 145  
2020-12-04 13:30:14.763990 146  
2020-12-04 13:30:16.068578 147  
2020-12-04 13:30:16.121843 148  
2020-12-04 13:30:16.892386 149  
2020-12-04 13:30:16.945749 150  
2020-12-04 13:30:18.134564 151  
2020-12-04 13:30:18.853261 152  
2020-12-04 13:30:18.891922 153  
2020-12-04 13:30:20.201527 154  
2020-12-04 13:30:20.201877 155  
2020-12-04 13:30:20.954772 156  
2020-12-04 13:30:20.955634 157  
2020-12-04 13:30:21.191197 158  
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2020-12-04 13:30:21.874707 160



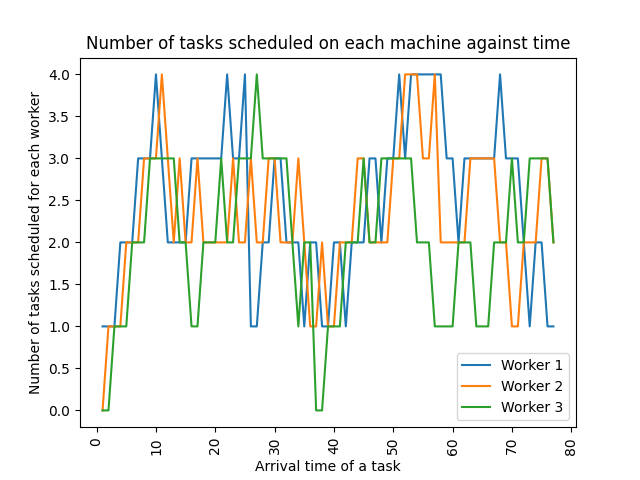
## RR Scheduling algorithm:

1. Mean Completion Time : 2.6257 seconds  
 2. Median Completion Time : 3.0021 seconds



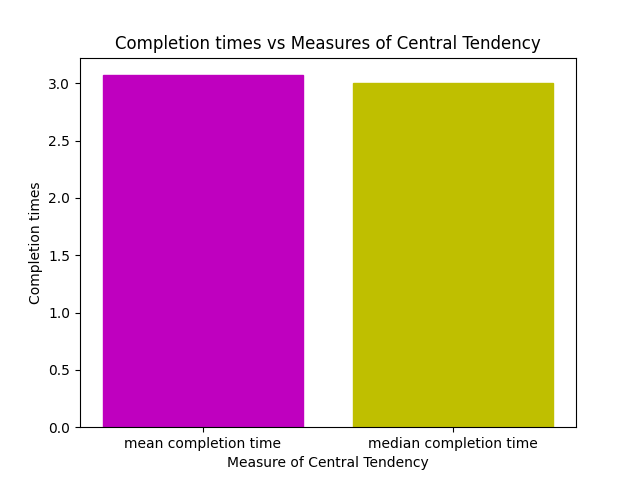
**Plot**

DATE ARRIVAL TIME X-AXIS EQUIVALENTS  
2020-12-01 21:10:33.736770 1  
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2020-12-01 21:10:33.813123 3  
2020-12-01 21:10:33.813544 4  
2020-12-01 21:10:33.813974 5  
2020-12-01 21:10:33.814348 6  
2020-12-01 21:10:34.490693 7  
2020-12-01 21:10:34.542149 8  
2020-12-01 21:10:34.593814 9  
2020-12-01 21:10:35.265547 10  
2020-12-01 21:10:35.812389 11  
2020-12-01 21:10:36.878315 12  
2020-12-01 21:10:37.838318 13  
2020-12-01 21:10:37.838671 14  
2020-12-01 21:10:38.666701 15  
2020-12-01 21:10:38.732988 16  
2020-12-01 21:10:38.785056 17  
2020-12-01 21:10:39.366615 18  
2020-12-01 21:10:40.109213 19  
2020-12-01 21:10:40.161036 20  
2020-12-01 21:10:40.212854 21  
2020-12-01 21:10:40.782369 22  
2020-12-01 21:10:40.916532 23  
2020-12-01 21:10:41.066600 24  
2020-12-01 21:10:41.066927 25  
2020-12-01 21:10:43.238015 26  
2020-12-01 21:10:43.289880 27  
2020-12-01 21:10:43.541567 28  
2020-12-01 21:10:43.593397 29  
2020-12-01 21:10:43.645635 30  
2020-12-01 21:10:44.305197 31  
2020-12-01 21:10:44.880774 32  
2020-12-01 21:10:46.323153 33  
2020-12-01 21:10:46.323153 34  
2020-12-01 21:10:47.694347 35  
2020-12-01 21:10:47.694526 36  
2020-12-02 13:47:31.150534 37  
2020-12-02 13:47:31.202722 38  
2020-12-02 13:47:32.025292 39  
2020-12-02 13:47:32.073394 40  
2020-12-02 13:47:32.125872 41  
2020-12-02 13:47:33.206869 42  
2020-12-02 13:47:33.259376 43  
2020-12-02 13:47:33.312398 44  
2020-12-02 13:47:33.365691 45  
2020-12-02 13:47:34.244537 46  
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2020-12-02 13:47:34.891706 51  
2020-12-02 13:47:35.141760 52  
2020-12-02 13:47:35.496110 53  
2020-12-02 13:47:37.214663 54  
2020-12-02 13:47:37.367093 55  
2020-12-02 13:47:37.596780 56  
2020-12-02 13:47:37.596861 57  
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2020-12-02 13:47:41.597974 67  
2020-12-02 13:47:41.625441 68  
2020-12-02 13:47:42.366552 69  
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2020-12-02 13:47:44.215088 75  
2020-12-02 13:47:45.675725 76  
2020-12-02 13:47:48.205508 77



## LL Scheduling algorithm:

1. Mean Completion Time : 3.0708 seconds  
 2. Median Completion Time : 3.0034 seconds



**Plot**

DATE ARRIVAL TIME X-AXIS EQUIVALENTS  
2020-12-01 21:11:26.608816 1  
2020-12-01 21:11:26.660679 2  
2020-12-01 21:11:27.795968 3  
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2020-12-01 21:11:31.088724 13  
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2020-12-01 21:11:31.901858 18  
2020-12-01 21:11:32.488435 19  
2020-12-01 21:11:32.540220 20  
2020-12-01 21:11:32.602741 21  
2020-12-01 21:11:32.654702 22  
2020-12-01 21:11:32.997172 23  
2020-12-01 21:11:34.315625 24  
2020-12-01 21:11:34.717288 25  
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2020-12-04 15:00:33.214083 132

