

<terminated> GreedyAlgorithms [Java Application] C:\Program Files\Java\jdk-13\bin\javaw.exe (Oct 26, 2019, 2:31:21 PM)

Please enter the number of intervals:

10

Please enter the start time of intervals:

5

Please enter the end time of intervals

30

=====  
=====Initial Intervals=====

[0, [13, 18]]

[1, [8, 24]]

[2, [27, 30]]

[3, [28, 29]]

[4, [8, 25]]

[5, [5, 24]]

[6, [19, 30]]

[7, [15, 28]]

[8, [16, 30]]

[9, [12, 19]]

=====  
=====Interval Scheduling=====

Class [id=0, intervals=[[0[13, 18]], [3[28, 29]] ]

=====  
=====Interval Partitioning=====

Class [id=0, intervals=[[5[5, 24]], [2[27, 30]], [3[28, 29]] ]

Class [id=1, intervals=[[1[8, 24]] ]

Class [id=2, intervals=[[4[8, 25]] ]

Class [id=3, intervals=[[9[12, 19]] ]

Class [id=4, intervals=[[7[15, 28]] ]

Class [id=5, intervals=[[8[16, 30]] ]

Class [id=6, intervals=[[0[13, 18]] ]

Class [id=7, intervals=[[6[19, 30]] ]

Minimum Number of Classes Necessary: 7

&lt;terminated&gt; GreedyAlgorithms [Java Application] C:\Program Files\Java\jdk-13\bin\javaw.exe (Oct 26, 2019, 2:33:10 PM)

Please enter the number of intervals:

20

Please enter the start time of intervals:

1

Please enter the end time of intervals

50

=====Initial Intervals=====

```
[0, [35, 38]]
[1, [42, 44]]
[2, [16, 47]]
[3, [19, 28]]
[4, [32, 33]]
[5, [33, 37]]
[6, [1, 3]]
[7, [37, 47]]
[8, [38, 45]]
[9, [4, 10]]
[10, [25, 37]]
[11, [11, 12]]
[12, [28, 36]]
[13, [33, 39]]
[14, [13, 48]]
[15, [35, 36]]
[16, [40, 45]]
[17, [29, 34]]
[18, [34, 37]]
[19, [46, 47]]
```

=====Interval Scheduling=====

Class [id=0, intervals=[[6[1, 3]], [9[4, 10]], [11[11, 12]], [3[19, 28]], [4[32, 33]], [15[35, 36]], [1[42, 44]], [19[46, 47]] ]

=====Interval Partitioning=====

```
Class [id=0, intervals=[[6[1, 3]], [9[4, 10]], [11[11, 12]], [14[13, 48]] ]
Class [id=1, intervals=[[2[16, 47]] ]
Class [id=2, intervals=[[3[19, 28]] ]
Class [id=3, intervals=[[10[25, 37]] ]
Class [id=4, intervals=[[12[28, 36]] ]
Class [id=5, intervals=[[17[29, 34]] ]
Class [id=6, intervals=[[4[32, 33]] ]
Class [id=7, intervals=[[5[33, 37]] ]
Class [id=8, intervals=[[13[33, 39]] ]
Class [id=9, intervals=[[18[34, 37]] ]
Class [id=10, intervals=[[0[35, 38]] ]
Class [id=11, intervals=[[15[35, 36]] ]
Class [id=12, intervals=[[7[37, 47]] ]
Class [id=13, intervals=[[8[38, 45]] ]
Class [id=14, intervals=[[16[40, 45]] ]
Class [id=15, intervals=[[1[42, 44]] ]
Class [id=16, intervals=[[19[46, 47]] ]
```

Minimum Number of Classes Necessary: 16

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Please enter the number of intervals:

15

Please enter the start time of intervals:

50

Please enter the end time of intervals

200

====Initial Intervals=====

```
[0, [122, 194]]
[1, [100, 112]]
[2, [130, 193]]
[3, [89, 197]]
[4, [191, 193]]
[5, [64, 146]]
[6, [170, 193]]
[7, [104, 180]]
[8, [164, 181]]
[9, [60, 138]]
[10, [132, 175]]
[11, [91, 167]]
[12, [78, 182]]
[13, [142, 185]]
[14, [134, 189]]
```

====Interval Scheduling=====

Class [id=0, intervals=[[1[100, 112]], [10[132, 175]], [4[191, 193]] ]

====Interval Partitioning=====

```
Class [id=0, intervals=[[9[60, 138]], [13[142, 185]], [8[164, 181]], [4[191, 193]] ]
Class [id=1, intervals=[[5[64, 146]] ]
Class [id=2, intervals=[[12[78, 182]] ]
Class [id=3, intervals=[[3[89, 197]] ]
Class [id=4, intervals=[[11[91, 167]] ]
Class [id=5, intervals=[[1[100, 112]] ]
Class [id=6, intervals=[[7[104, 180]] ]
Class [id=7, intervals=[[0[122, 194]] ]
Class [id=8, intervals=[[2[130, 193]] ]
Class [id=9, intervals=[[10[132, 175]] ]
Class [id=10, intervals=[[14[134, 189]] ]
Class [id=11, intervals=[[6[170, 193]] ]
```

Minimum Number of Classes Necessary: 11