

```
***** TIME IS NOW: 1*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 1 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 1 *****
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***** TIME IS NOW: 2*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #7 *****
```

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***** FINISHED GA FOR FIREMEN #7 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 2 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 2 *****
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***** TIME IS NOW: 3*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #15 *****
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***** FINISHED GA FOR FIREMEN #15 AT TIME 3 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 3 *****
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***** TIME IS NOW: 4*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 4 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 4 *****
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***** TIME IS NOW: 5*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 5 *****
```

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***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 5 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 5 *****
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***** TIME IS NOW: 6*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 6 *****
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```
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 6 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 6 *****
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```
***** TIME IS NOW: 7*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 7 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 7 *****
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```
***** TIME IS NOW: 8*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #4 *****
```

```
***** FINISHED GA FOR FIREMEN #4 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 8 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 8 *****
```

```
***** TIME IS NOW: 9*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #12 *****
```

```
***** FINISHED GA FOR FIREMEN #12 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 9 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 9 *****
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```
***** TIME IS NOW: 10*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 10 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 10 *****
```

```
***** TIME IS NOW: 11*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 11 *****
```

```
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 11 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 11 *****

***** TIME IS NOW: 12*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 12 *****
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```
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 12 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 12 *****
```

```
***** TIME IS NOW: 13*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 13 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 13 *****
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```
***** TIME IS NOW: 14*****
***** BEGINNING GA FOR FIREMEN #1 *****
```

```
***** FINISHED GA FOR FIREMEN #1 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 14 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 14 *****
```

```
***** TIME IS NOW: 15*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #9 *****
```

```
***** FINISHED GA FOR FIREMEN #9 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 15 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 15 *****
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```
***** TIME IS NOW: 16*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 16 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 16 *****
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```
***** TIME IS NOW: 17*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 17 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 17 *****
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```
***** TIME IS NOW: 18*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 18 *****
```

```
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 18 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 18 *****
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```
***** TIME IS NOW: 19*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 19 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 19 *****
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***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 19 *****
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```
***** TIME IS NOW: 20*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #6 *****
***** FINISHED GA FOR FIREMEN #6 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 20 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 20 *****
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```
***** TIME IS NOW: 21*****
***** BEGINNING GA FOR FIREMEN #1 *****
***** FINISHED GA FOR FIREMEN #1 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #2 *****
***** FINISHED GA FOR FIREMEN #2 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #3 *****
***** FINISHED GA FOR FIREMEN #3 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #4 *****
***** FINISHED GA FOR FIREMEN #4 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #5 *****
***** FINISHED GA FOR FIREMEN #5 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #6 *****
```

```
***** FINISHED GA FOR FIREMEN #6 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #7 *****
***** FINISHED GA FOR FIREMEN #7 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #8 *****
***** FINISHED GA FOR FIREMEN #8 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #9 *****
***** FINISHED GA FOR FIREMEN #9 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #10 *****
***** FINISHED GA FOR FIREMEN #10 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #11 *****
***** FINISHED GA FOR FIREMEN #11 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #12 *****
***** FINISHED GA FOR FIREMEN #12 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #13 *****
***** FINISHED GA FOR FIREMEN #13 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #14 *****
***** FINISHED GA FOR FIREMEN #14 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #15 *****
***** FINISHED GA FOR FIREMEN #15 AT TIME 21 *****
***** BEGINNING GA FOR FIREMEN #16 *****
***** FINISHED GA FOR FIREMEN #16 AT TIME 21 *****
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Would you like to replay the animation?

(1) yes

(2) no