

Algdat - Øving 7, Josefine Arntsen, Sofia Håbrekke, Nathalie Graidy Andreassen, Madeleine Negård

1. Dijkstra, Gløshaugen-Otilienborg

```
Enter start node  
2001238  
Enter end node  
1987066  
Dijkstra found a path that takes 0 hours, 3 minutes, 56 seconds  
Dijkstra visited 3565 nodes  
Runtime was 57 ms
```

```
63.4194292,10.4042519  
63.419343,10.4039033  
63.4192611,10.4034732  
63.4189953,10.4030286  
Number of nodes in shortest path: 53
```

2. ALT, Gløshaugen-Othilienborg

```
Enter start node  
2001238  
Enter end node  
1987066  
  
ALT found a path that takes 0 hours, 3 minutes, 56 seconds  
ALT visited 1576 nodes  
Runtime was 465 ms
```

```
63.4194292,10.4042519  
63.419343,10.4039033  
63.4192611,10.4034732  
63.4189953,10.4030286  
Number of nodes in shortest path: 53
```

3. Dijkstra, Fosnavåg-Espoo

```
Enter start node  
2486870  
Enter end node  
5394165  
Dijkstra found a path that takes 20 hours, 1 minutes, 6 seconds  
Dijkstra visited 6755846 nodes  
Runtime was 16416 ms
```

```
62.3412416,5.6350305  
62.3414122,5.6349484  
62.341829,5.6341923  
62.3420657,5.6347241  
Number of nodes in shortest path: 5133
```

4. ALT, Fosnavåg-Espoo

```
Enter start node  
2486870  
Enter end node  
5394165  
ALT found a path that takes 20 hours, 1 minutes, 6 seconds  
ALT visited 2040064 nodes  
Runtime was 12914 ms
```

```
62.3412416,5.6350305  
62.3414122,5.6349484  
62.341829,5.6341923  
62.3420657,5.6347241  
Number of nodes in shortest path: 5133
```

