

```
[cody@fedora ☕ homework-10 (git:hw10)]$ ls
```

```
main.cpp  output.pdf  problems.md  sorting
```

```
[cody@fedora ☕ homework-10 (git:hw10)]$ g++ main.cpp -Wall -pedantic -std=c++11 -o main
```

```
[cody@fedora ☕ homework-10 (git:hw10)]$ ls
```

```
main  main.cpp  output.pdf  problems.md  sorting
```

```
[cody@fedora ☕ homework-10 (git:hw10)]$ ./main 6
```

```
Testing Problem 6...
```

```
Before using selection sort, list = [2, 4, 3, 5, 1]
```

```
After using selection sort, list = [5, 4, 3, 2, 1]
```

```
[cody@fedora ☕ homework-10 (git:hw10)]$ ./main 7
```

```
Testing Problem 7...
```

```
Before using merge sort, list = [2, 4, 3, 5, 1]
```

```
After using merge sort, list = [1, 2, 3, 4, 5]
```

```
[cody@fedora ☕ homework-10 (git:hw10)]$
```