

# Partitioning Algorithms Exercises

# Partitioning

- Explain what is meant by partitioning the elements of a container
- What is a partition point?

# partition()

- Describe the partition algorithm function
- What arguments does partition() take?
- Write a simple program which uses partition()

# stable\_partition()

- Describe the stable\_partition algorithm function
- What arguments does partition() take?
- Write a simple program which uses stable\_partition()

# is\_partitioned()

- Describe the is\_partitioned algorithm function
- What arguments does is\_partitioned() take?
- Write a simple program which uses is\_partitioned()

# partition\_point()

- Describe the partition\_point algorithm function
- What arguments does partition\_point() take?
- Write a simple program which uses partition\_point()