

9/9/26 Some Array Tasks

```
// Returns a new array that contains f(x) for to every element, x, of xs.  
static double[] applyF(double[] xs) {
```

```
}
```

```
// Returns the min of array 'a'  
static double min(double[] a) {
```

```
}
```

```
// Returns the max of array 'a'  
static double max(double[] a) {
```

```
}
```

```
// Returns the orbit of x0: the array {x0, f(x0), f(f(x0)), ...} with  
// 'steps' entries in all.
```

```
static double[] orbit(double x0, int steps) {
```

```
}
```

```
// Returns n evenly spaced x-values from lo to hi, inclusive of both ends.
```

```
static double[] sampleX(double lo, double hi, int n) {
```

```
}
```