
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

CS380 Algorithm Design and Analysis 2
$\qquad$
$\qquad$

| Minimum and Maximum |
| :--- |
|  |
| - MINIMUM(A, n) |
|  |


$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

| Simultaneous Max and Min |
| :---: |
|  |
|  |
|  |
|  |

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

| Analysis |
| :--- |
| - Total number of comparisons when: |
| ० n is odd: |
|  |
|  |
|  |

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

$\qquad$

$\qquad$

| Order Statistics |
| :--- |
|  |
|  |
|  |
|  |
|  |

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

| Example |
| :--- |
|  |
|  |
|  |
|  |
|  |
|  |

