

Array Traversals - Searching



Example: Search an Array. Return true if object exists in the Array, false otherwise.

```
public boolean search(SomeClass [] a, SomeClass element)
{

}
}
```



Example: Search an Array.
Return index of the greatest String in the array.

```
public int returnGreatest(String [] a)
{

}
}
```

Example: Traverse an Array of int values.
Return the average of the int values.

```
public double average(int [] a)
{

}
}
```



Example: Traverse an Array of Strings.
Return an Array containing all Strings that begin with “m” or “M”. Fill all empty spaces in array with null.

```
public String[] foo(String [] a)
{
```

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```
}
```



Example: Search an Array. Remove occurrence of String s if it exists in the Array and return true. Otherwise return false.

```
public boolean search(String [] a, String s)
{

}
}
```

