

Plan for Today

Feature dependence graph

- partial order implementation should follow to enable testing

Arrays: array construction, length, and array expression

Method calls: method declaration, new expression, and call expression

CS453 Lecture

Arrays and Calls

1

Array Allocation and Length Example

```
class ArrayLength {
    public static void main(String[] a){
        System.out.println(new int[12].length);
    }
}
```

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Arrays and Calls

2

Array Expression Example

```
class ArrayExp {
    public static void main(String[] a){
        System.out.println((new int[12]) [ 3 ]);
    }
}
```

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Arrays and Calls

3

Method Call Example

```
class ObjectFun {
    public static void main(String[] a){
        System.out.println(new MyClass().runObjectFun());
    }
}

class MyClass {
    ...

    public int runObjectFun() {
        ...
    }

    ...
}
```

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Arrays and Calls

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