

IDEA	new Project
	new Class

```
graph LR; Midterm_1 --> Midterm_2; Midterm_2 --> Node(( )); Short_homework[Short homework] --> Node; Projects --> Node; Node --> Final_exam[Final exam]; Final_exam --> GRADE
```

```
import java.util.*;
public class first_lab{
    public static void main(String str[ ]){
        //your code
    } //end main
} //end class
```

Scanner scan = new *Scanner*(*System.in*);
 name

- Mathematical functions: `Math.FUNCTION()`
- Strings (sequence of char values): Example:

F	A	M	N	I	T
0	1	2	3	4	5

operations:

<code>charAt(<i>index</i>)</code>	<code>length()</code>	<code>replace(<i>target</i>, <i>replacement</i>)</code>	...
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