

IDEA	new Project
	new Class

```
graph LR; Midterm_1 --> Midterm_2; Midterm_2 --> J(( )); Short_homework[Short homework] --> J; Projects --> J; J --> 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>	...
-----------------------------------	-----------------------	---	-----