

Method exercises

- **Write the methods and use it in the main method**
 - **isLessThan(x, y) - return boolean!**
 - **Return letter given grade**
 - **Right justify string in given field width**
 - **x to the power y**
 - **Convert binary string to int**

isLessThan(x, y) - return boolean!

```
protected static boolean isLessThan( int a, int b)
{
    if ( a < b)
    {
        return true;
    }
    else
    {
        return false;
    }
}
```

Return Letter Given Grade

- Write a static method **ToLetter** which gets a numeric grade between 0-100 and returns the corresponding letter grade:
 - 100-85: A
 - 85-70: B
 - 50-70: C
 - Below 50: D
- Write a **Grade** class that will include your main method and the ToLetter method
- Your main method should:
 - Ask the user to enter the grades and type -1 to quit
 - Read user input
 - Verify that the user input is within the allowed range
 - Call the ToLetter method for the conversion
 - Print the letter grade corresponding to the entered numeric grade
 - Read the next user input
 - ...