List of Topics

Data Types and their Sizes
Casting and Promotion between different data types
Operators - order of precedence
Post-increment and pre-increment: ++ and –
Combined ops.: +=, -=, /=, and *=

Comparison Operators
Boolean Expressions / Truth tables
if and if/else statements (hanging else, nested ifs, short circuit ifs)
for loops (running forwards and backward )
while loops
do-while loops
switch statement

Input(Scanner class) and Output (print vs. println)

Methods (both void and `functions')
Method parameters (formal parameters, actual parameters)
Variable scope
activation records
signature of a method
method overloading

1D Arrays
declaring and creating
reference variables
length of arrays
modifying arrays
passing and returning arrays from methods

Algorithms:
convert from binary to decimal (and the other way around if we get to it)
generate random numbers in a specified range using Math.random() 
convert from char in String s (with s.charAt(j)) to `equivalent' Unicode (Ascii)
integer
swapping values of two variables
copy and reversing arrays (using extra storage and in place), summing elements, finding min and max, etc.