 Revision

Type Declarations

visibility  type  variable name

optional initialisation

private int i = 0;
public double d;
private boolean b;
public String s;
private Person p;

Class Structure

public class ClassName
{
    Field declarations
    Constructor methods
    Other methods
}

Constructors

public class ClassName
{
    ....

    public ClassName(parameters)
    {
        initialisation
    }
}
Methods

public String methodName(int i, String s) {
...
return stringVariable;
}

Assignment Statements

varName = expression;

if statements

if (boolean expression) {
    executed if test is true
}
else {
    executed if test is false
}
while loops

\[
\text{while (boolean expression)} \\
\{ \\
\quad \text{executed while test is true} \\
\}
\]

for loops

\[
\text{for (initialise; boolean; increment)} \\
\{ \\
\quad \text{executed while test is true} \\
\}
\]

Arrays

private int[] R = new int[10];
private String[] S = new String[10];
R[3] = 5;