**Java**

**Branching - Nested Ifs**



**public** **static** **void** main(String[] args) {

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

 System.***out***.print("Input a result(0 to 100): ");

 **int** testResult = in.nextInt();

 **char** grade;

 **if** (testResult >= 90) {

 grade = 'A';

 } **else** **if** (testResult >= 80) {

 grade = 'B';

 } **else** **if** (testResult >= 70) {

 grade = 'C';

 } **else** **if** (testResult >= 60) {

 grade = 'D';

 } **else** {

 grade = 'F';

 }

 System.***out***.println("Grade = " + grade);

 }

}