**A simple helping program found on the Java book**

The code is as follows:

**class** apples {

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

**throws** java.io.IOException {

**char** choice;

**do** {

System.*out*.println("Help on: ");

System.*out*.println(" 1. if");

System.*out*.println(" 2. switch");

System.*out*.println(" 3. while");

System.*out*.println(" 4. do-while");

System.*out*.println(" 5. for\n");

System.*out*.println("Choose one:");

choice = (**char**) System.*in*.read(); //Used for input

//Was imported through IOException at top

} **while**( choice < '1' || choice > '5');

System.*out*.println("\n");

**switch**(choice) {

**case** '1':

System.*out*.println("The if:\n");

System.*out*.println("if(condition) statement;");

System.*out*.println("else statement;");

**break**;

**case** '2':

System.*out*.println("The switch:\n");

System.*out*.println("switch(expression) {");

System.*out*.println(" case constant:");

System.*out*.println(" statement sequence");

System.*out*.println(" break;");

System.*out*.println(" //...");

System.*out*.println("}");

**break**;

**case** '3':

System.*out*.println("The while:\n");

System.*out*.println("while(condition) statement;");

**break**;

**case** '4':

System.*out*.println("The do-while:\n");

System.*out*.println("do {");

System.*out*.println(" statement;");

System.*out*.println("} while (condition);");

**break**;

**case** '5':

System.*out*.println("The for:\n");

System.*out*.print("for(init; condition; iteration)");

System.*out*.println(" statement;");

**break**;

}

}

}

The result is as follows:

Help on:

1. if

2. switch

3. while

4. do-while

5. for

Choose one:

1 (User inputs)

The if:

if(condition) statement;

else statement;