Advanced Programming

Antonio Mallia

mallia.antonio [at] gmail.com

**Esercizio 1**

// Visitor Interface

**public** **interface** Fixture {

**public** Object execute(Table table);

}

// Visitor

**public** **abstract** **class** ColumnFixture **implements** Fixture {

**private** **final** **static** **int** ***DATA\_START\_ROW*** = 3;

**public** **abstract** **boolean** check(Row row);

@Override

**public** String execute(Table table) {

StringBuffer stringBuffer = **new** StringBuffer();

stringBuffer.append(String.*format*("<%s>\n", TableTag.***TABLE***.getValue()));

**for** (Row rowData : table.getRowsFrom(***DATA\_START\_ROW***)) {

stringBuffer

.append(String.*format*("\t<%s>", TableTag.***ROW***.getValue()));

**for** (Object cell : rowData.getCellExcludedLast()) {

stringBuffer.append(String.*format*("<%s>",

TableTag.***CELL***.getValue()));

stringBuffer.append(cell.toString());

stringBuffer.append(String.*format*("</%s>",

TableTag.***CELL***.getValue()));

}

stringBuffer.append(String.*format*("<%s bgcolor=\"%s\">%s</td>",

TableTag.***CELL***.getValue(), (check(rowData)) ? "green"

: "red", rowData.getLastCell()));

stringBuffer.append(String.*format*("</%s>\n",

TableTag.***ROW***.getValue()));

}

stringBuffer.append(String.*format*("</%s>", TableTag.***TABLE***.getValue()));

**return** stringBuffer.toString();

}

}

**Esercizio 2**

**Esercizio 3**

**Esercizio 4**

**Esercizio 5**