PHYS 87

1. Exercise: Typeset this by changing the default "bullet" symbol twice.

   > The first entry here

   > Then the second

   > etc

   - The first entry here

   - Then the second

   - etc

   Hint: Use `\textgreater` for ">" and `$\bullet$` for "•".

2. Make a tripple nested list.

3. How do you get this default:

   > First level

     ⋆ Second level

       - Third level

   Check that it works by typesetting the tripple ensted list of the pervious exercise.

   Hint: Symbols used: `\textgreater, $\star$, $\bullet$`.

4. Typeset this:

   First The first entry here

   Second Then the second

   Last Then the last

   with the descriptors "First" in red color, "Second" in blue and "Last" in black.
   Hint: `\usepackage{color}`

Solutions

Exercise 1: `\renewcommand{\labelitemi}{\textgreater}`

```
\begin{itemize}
\item The first entry here
\item Then the second
\item etc
\end{itemize}

\renewcommand{\labelitemi}{$\bullet$}

\begin{itemize}
\item The first entry here
\item Then the second
\item etc
\end{itemize}
```

Exercise 2: Here is an example of a tripple nested list:

```
\begin{itemize}
\item The first entry here
\begin{itemize}
\item The first sub-entry here
\item Then the second sub-entry
\begin{itemize}
\item The first sub-sub-entry here
\item Then the second sub-sub-entry
\end{itemize}
\item etc
\end{itemize}
\item Return to original list, etc
\end{itemize}
```

Exercise 3: `\renewcommand{\labelitemi}{\textgreater}`
`\renewcommand{\labelitemii}{$\star$}`
`\renewcommand{\labelitemiii}{$\bullet$}`

Exercise 4: Per the hint place `\usepackage{color}` in the preamble. Then

```
\begin{description}
\item[\color{red}First] The first entry here
\item[\color{blue}Second] Then the second
\item[\color{black}Last] Then the last
\end{description}
```