



The problem is that the format name is usually the name of an open file handle, and the write statement will send the output to this file handle. As we want the data sent to the STDOUT, we must associate EMPLOYEE with the STDOUT filehandle. First, however, we must make sure that that STDOUT is our selected file handle, using the select function

```
select(STDOUT);
```

We would then associate EMPLOYEE with STDOUT by setting the new format name with STDOUT, using the special variable \$~

```
$~ = "EMPLOYEE";
```

When we now do a write, the data would be sent to STDOUT. Remember: if you didn't have STDOUT set as your default file handle, you could revert back to the original file handle by assigning the return value of select to a scalar value, and using select along with this scalar variable after the special variable is assigned the format name, to be associated with STDOUT.

The above example will generate a report in the following format

```
Kirsten      12
Mohammad    35
Suhi        15
Namrat      10
```

## Defining a Report Header

Everything looks fine. But you would be interested in adding a header to your report. This header will be printed on top of each page. It is very simple to do this. Apart from defining a template you would have to define a header which will have same name but appended with \_TOP keyword as follows

```
format EMPLOYEE_TOP =
-----
Name                Age
-----
.
```

Now your report will look like

```
-----
Name                Age
-----
Kirsten            12
Mohammad           35
Suhi               15
Namrat            10
```

## Defining a Pagination & Number of Lines on a Page

What about if your report is taking more than one page ? You have a solution for that. Use \$% vairable along with header as follows

```
format EMPLOYEE_TOP =
-----
Name                Age    Page @<
-----                    $%
```

Now your output will look like

```
-----
Name                Age    Page 1
-----
```

```
Kirsten      12
Mohammad    35
Suhi        15
Namrat      10
```

You can set the number of lines per page using special variable `$=` or `$FORMAT_LINES_PER_PAGE`. By default `$=` will be 60.

## Defining a Report Footer

One final thing is left which is footer. Very similar to header, you can define a footer and it will be written after each page. Here you will use `_BOTTOM` keyword instead of `_TOP`.

```
format EMPLOYEE_BOTTOM =
End of Page @<
          $%
.
```

This will give you following result

```
-----
Name      Age    Page 1
-----
Kirsten   12
Mohammad  35
Suhi      15
Namrat    10
End of Page 1
```

For a complete set of variables related to formatting, please refer to [Perl Special Variables](#) section.

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