

Chapter 1 : A RUNAWAY REEF

```
from fpdf import FPDF
```

```
title = '20000 Leagues Under the Seas'
```

```
class PDF(FPDF):
    def header(self):
        # Arial bold 15
        self.set_font('Arial', 'B', 15)
        # Calculate width of title and position
        w = self.get_string_width(title) + 6
        self.set_x((210 - w) / 2)
        # Colors of frame, background and text
        self.set_draw_color(0, 80, 180)
        self.set_fill_color(230, 230, 0)
        self.set_text_color(220, 50, 50)
        # Thickness of frame (1 mm)
        self.set_line_width(1)
        # Title
        self.cell(w, 9, title, 1, 1, 'C', 1)
        # Line break
        self.ln(10)

    def footer(self):
        # Position at 1.5 cm from bottom
        self.set_y(-15)
        # Arial italic 8
        self.set_font('Arial', 'I', 8)
        # Text color in gray
        self.set_text_color(128)
        # Page number
        self.cell(0, 10, 'Page ' + str(self.page_no()), 0, 0, 'C')

    def chapter_title(self, num, label):
        # Arial 12
        self.set_font('Arial', '', 12)
        # Background color
        self.set_fill_color(200, 220, 255)
        # Title
        self.cell(0, 6, 'Chapter %d : %s' % (num, label), 0, 1, 'L', 1)
        # Line break
        self.ln(4)

    def chapter_body(self, name):
        # Read text file
        with open(name, 'rb') as fh:
            txt = fh.read().decode('latin-1')
        # Times 12
```

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```
self.set_font('Times', "", 12)
# Output justified text
self.multi_cell(0, 5, txt)
# Line break
self.ln()
# Mention in italics
self.set_font("", 'I')
self.cell(0, 5, '(end of excerpt)')
```

```
def print_chapter(self, num, title, name):
    self.add_page()
    self.chapter_title(num, title)
    self.chapter_body(name)
```

(end of excerpt)

Chapter 2 : THE PROS AND CONS

```
from fpdf import FPDF
```

```
title = '20000 Leagues Under the Seas'
```

```
class PDF(FPDF):
    def header(self):
        # Arial bold 15
        self.set_font('Arial', 'B', 15)
        # Calculate width of title and position
        w = self.get_string_width(title) + 6
        self.set_x((210 - w) / 2)
        # Colors of frame, background and text
        self.set_draw_color(0, 80, 180)
        self.set_fill_color(230, 230, 0)
        self.set_text_color(220, 50, 50)
        # Thickness of frame (1 mm)
        self.set_line_width(1)
        # Title
        self.cell(w, 9, title, 1, 1, 'C', 1)
        # Line break
        self.ln(10)

    def footer(self):
        # Position at 1.5 cm from bottom
        self.set_y(-15)
        # Arial italic 8
        self.set_font('Arial', 'I', 8)
        # Text color in gray
        self.set_text_color(128)
        # Page number
        self.cell(0, 10, 'Page ' + str(self.page_no()), 0, 0, 'C')

    def chapter_title(self, num, label):
        # Arial 12
        self.set_font('Arial', '', 12)
        # Background color
        self.set_fill_color(200, 220, 255)
        # Title
        self.cell(0, 6, 'Chapter %d : %s' % (num, label), 0, 1, 'L', 1)
        # Line break
        self.ln(4)

    def chapter_body(self, name):
        # Read text file
        with open(name, 'rb') as fh:
            txt = fh.read().decode('latin-1')
        # Times 12
```

```
self.set_font('Times', "", 12)
# Output justified text
self.multi_cell(0, 5, txt)
# Line break
self.ln()
# Mention in italics
self.set_font("", 'I')
self.cell(0, 5, '(end of excerpt)')
```

```
def print_chapter(self, num, title, name):
    self.add_page()
    self.chapter_title(num, title)
    self.chapter_body(name)
```

```
pdf = PDF()
pdf.set_title(title)
pdf.set_author('Jules Verne')
pdf.print_chapter(1, 'A RUNAWAY REEF', 'c1.txt')
pdf.print_chapter(2, 'THE PROS AND CONS', 'c2.txt')
pdf.output('tuto3.pdf', 'F')
```

(end of excerpt)