

Ecophysiology-HW3

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```
knitr::opts_chunk$set(fig.width=4, fig.height=4,
  fig.align="center", fig.path='Figs/', warning=FALSE,
  message=FALSE, fig.pos = 'h',
  tidy.opts=list(width.cutoff=60),tidy=TRUE)

rm(list = ls())
setwd("D:/Krishna/Acads/Q4/Ecophysiology/HW")
library(ggplot2)
library(reshape2)
library(latex2exp)
library(knitr)
source("Pset3_metloop_improved.R")
theme = theme_light() + theme(plot.title = element_text(hjust = 0.5),
  text = element_text(size = 7))
```

Part 1.

```
Sys.setenv(TZ = "America/Manaus")
df.m <- melt(met[met$date <= "1983-09-05 00:00:00", c("date",
  "Rn", "LE", "H")], "date")
g = ggplot(df.m, aes(date, value, colour = variable))
g + geom_line(size = 1) + labs(y = TeX("W.m^{-2}"), title = "Radiation Components") +
  theme
```

