

Learning Outcomes

Upon completing this assignment, students should be able to

- **Program** a simple `if-else if-else` selection in MIPS assembly.
- **Use** a separate `eoln` string to end lines.

Overview

Write an *What to Wear* suggesting program in a single, monolithic `main` function that

- Prompts the user for the current temperature in degrees Fahrenheit
 Store the entered value in an appropriately named variable in RAM.
- Based on the temperature band the temperature is in, suggests an outfit to wear.
 - $temp < 40$ - *cold-weather* clothes
 - $40 \leq temp < 80$ - *warm-weather* clothes
 - $80 \leq temp$ - *hot-weather* clothes

Make up your description of each kind of clothing.

Procedure

Program in *commented* MIPS assembly language that loads and runs in MARS. Make sure to include an appropriate ID block in the code.

- README documents what the code should do and how to rerun the test cases you used.
- Submit into Gitea <https://cs-devel.potsdam.edu> with the MIPS and README files.