

Important: Please do all assignments on **solar**. Actually, you can do the assignment on a PC, transfer the file over to **solar**, and submit it there. Submit the theory part of the assignment on paper in class.

Performance and SPIM Simulator

The following problems are from your main text (Patterson and Hennessy).

1. [10 pts] Problem 2.18
2. [5 pts] Problem 2.19
3. [10 pts] Problem 2.20
4. [5 pts] Problem 2.21
5. [12 pts] Problems 3.2
6. [10 pts] Problems 3.3
7. [30 pts] Problem 3.26 (submit code electronically)

What to handin

Handin an electronic copy of all the sources and results. Create your programs in a directory called *username.3* where *username* is your user name on **solar**. Once you are done with everything, *remove the executables and object files*, and issue the following commands:

```
% cd
% ~skb/bin/handin cs312 3
```