

# CS311 Assignment 5

## Report

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## 1 STATISTICS

Filename	No. of cycles	IPC
descending.out	21821	0.0208
evenorodd.out	331	0.00211
fibonacci.out	4949	0.0226
palindrome.out	2731	0.0238
prime.out	1660	0.0241

## 2 OBSERVATIONS

All of the benchmark programs have an IPC around 0.02. There are a lot of cycles in programs with a lot of data and control hazards and that take a lot of iterations. Thus IPC is low for such programs.