CS 311, Assignment 5 - Report

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1 Statistics

File name	No. of Cycles	IPC
descending.asm	21821	0.0208
evenorodd.asm	331	0.0.0211
fibonacci.asm	4949	0.0226
palindrome.asm	2731	0.0238
prime.asm	1660	0.0241

2 Obserations

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