OS project1 report

第六組

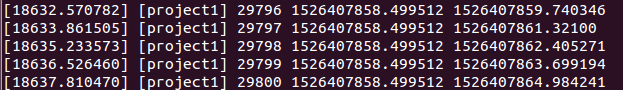
1. 設計

Sort processes in ascending order of RT if two processes have same RT then compare their id instead. After finishing sorting, decide which process to fork according to the time count and schedule policy

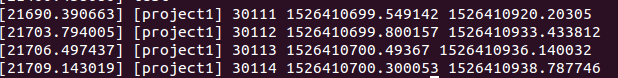
We can’t get time with resolution of a nanosecond. The resolution of time is a microsecond. Therefore; the start time of all processes FIFO\_1 are the same.

1. 執行範例測資的結果

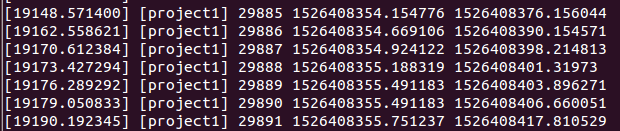
FIFO\_1



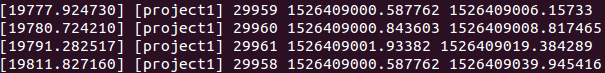
FIFO\_2

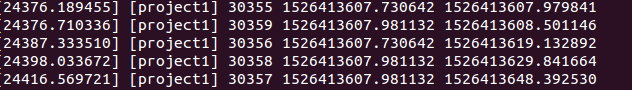
FIFO\_3



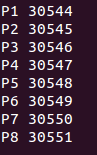
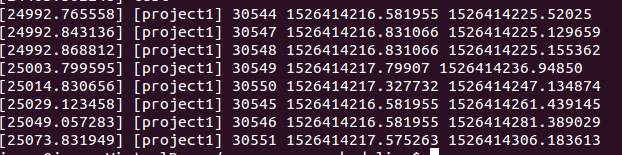
SJF\_1

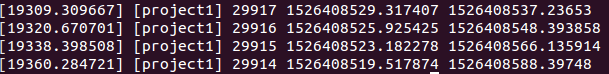
SJF\_2

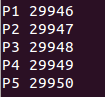
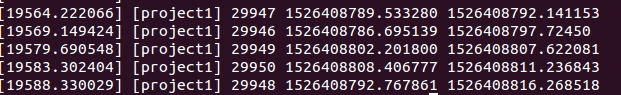
SJF\_3

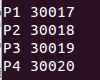
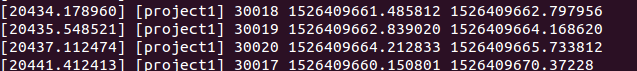
PSJF\_1



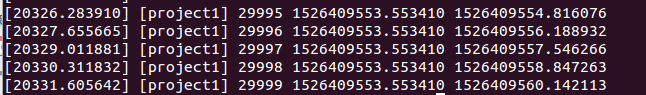
PSJF\_2

PSJF\_3

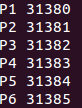
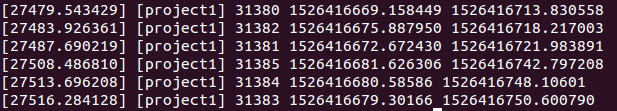
RR\_1

RR\_2

RR\_3

1. 比較實際結果與理論結果，並解釋造成差異的原因

In any testing data, Pi ST equal to Ri. Not quite as expected.

In any testing data, every ETs are in the expected order.

In any testing data, every IDs are in the expected order.

1. 各組員的貢獻

簡暐晉: write src code, compile kernel, run testing data, discuss how to write the report.

周明德: discuss how to write src code, write the report.

沙佳哲: none

劉昕: none