

GCC

PART B:

B.1: Schedule in-order, 1-cycle load latency

```
LAB3_NUM_INST      : 10000000
LAB3_NUM_CYCLES    : 10033505
LAB3_CPI            : 1.003
```

B.2: Schedule OoO-oldest first, 1-cycle load latency

```
LAB3_NUM_INST      : 10000000
LAB3_NUM_CYCLES    : 10000017
LAB3_CPI            : 1.000
```

B.3: Schedule in-order, 4-cycle load latency

```
LAB3_NUM_INST      : 10000000
LAB3_NUM_CYCLES    : 10120964
LAB3_CPI            : 1.012
```

B.4: Schedule OoO-oldest first, 4-cycle load latency

```
LAB3_NUM_INST      : 10000000
LAB3_NUM_CYCLES    : 10000020
LAB3_CPI            : 1.000
```

PART C (2-wide Superscalar)

C.1: Schedule in-order, 1-cycle load latency

```
LAB3_NUM_INST      : 10000000
LAB3_NUM_CYCLES    : 5044438
LAB3_CPI            : 0.504
```

C.2: Schedule OoO-oldest first, 1-cycle load latency

```
LAB3_NUM_INST      : 10000000
LAB3_NUM_CYCLES    : 5000017
LAB3_CPI            : 0.500
```

C.3: Schedule in-order, 4-cycle load latency

```
LAB3_NUM_INST      : 10000000
LAB3_NUM_CYCLES    : 5181045
LAB3_CPI            : 0.518
```

C.4: Schedule OoO-oldest first, 4-cycle load latency

```
LAB3_NUM_INST      : 10000000
LAB3_NUM_CYCLES    : 5001537
LAB3_CPI            : 0.500
```