COL216 ASSIGNMENT 2

ARYAN SANTOSH SAHOO 2019CS10335

```
| Dash-4.2$ make compile | Bash-4.2$ make compile | Bash-4.2$ make compile | Bash-4.2$ //sample test.txt | Dash-4.2$ //sample test.txt | Dash-4.2$ //sample test.txt | Dash-4.2$ make compile | Bash-4.2$ make compile | Dash-4.2$ make compile | Dash-4.2$ //sample test.txt | Dash-6066 | Dash-4.2$ make compile | Bash-4.2$ make compile | Dash-4.2$ ma
```

BRANCH PREDICTOR ACCURACY VALUES:

Saturating Branch Predictor

00: 0.779197

01: 0.819343

10: 0.85219

11: 0.844891

BHRBranch Predictor

00: 0.609489

01: 0.691606

10: 0.607664

11: 0.609489

Saturating BHRBranch Predictor

00: 0.768248

01: 0.788321

10: 0.79927

11: 0.806569

TESTCASE VS NUMBER OF CYCLES:

Testcase 1: **Stall: 17** Bypass: 11 Testcase 2: Stall: 18 Bypass: 14 **Testcase 3:** Stall: 33 Bypass: 24 **Testcase 4:** Stall: 30 **Bypass: error**