|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Main Routine** | | **Somemaths** | | | **Days of week** | | | **Daysform** | | |
| Variable name | Value | Variable name | Value | Variable name | | Value | Variable name | | Value |
| Student Number | 000395780 | aNumber | 000395780 | daynumber | | 3 | nextday | | 6 |
| Calculated Number | 3 | newnumber | 395 | daystring | | wednesday | daystring | | saturday |
| dayone | Wednesday | newnumber | 3 |  | |  |  | |  |
| daytwo | Saturday | newnumber | 3 |  | |  |  | |  |

**3.1 Trace Table**

**3.2 Pseudocode**

Get lab percent input from user.

Get exam percent input from user.

Get assignment percent input from user.

Calculate lab, exam and assignment score the lab according to user percent by using below

Formula’s:

labScore=(labPercent/100)\*20

examScore=(labPercent/100)\*70

assignmentScore=(labPercent/100)\*10

CALCULATE totalScore=labScore+examScore+assignmentScore

CALCULATE totalPercentScore=20+70+10

CALCULATE totalMarks=(totalScore/totalPercentScore)\* 100, and round the value by 1

CALCULATE finalGrade

IF totalMarks >=90, then finalGrade=”A”

IF toalMarks >=75, and totalMarks <= 90, then finalGrade=”B”

IF toalMarks >=60, and totalMarks <= 75, then finalGrade=”C”

IF toalMarks >=50, and totalMarks <= 60, then finalGrade=”D”

ELSE, then finalGrade = “E”

Display the finalGrade and marks

**3.2 Testing**

