



## TMC-1

# Assembly Language Programming - Arithmetic

### Target Course Outcome:

**CO1:** Understand the architecture and function of a microprocessor through assembly programs.

*Create an assembly language program:*

**Arithmetic instructions.** Create an assembly language program that lets the user input a value and determines whether that value is odd or even.

#### **OUTPUT:**

```
Input a value: 5
The value is an odd number!
```

#### **CODE:**

