



TMC-1

Assembly Language Programming - Arithmetic

Target Course Outcome:

CO2: Designs a microprocessor-based firmware integrating a microprocessor with supporting peripherals and devices.

Create an assembly language program:

Arithmetic instructions. Create an assembly language program that determines whether the value (0-9) stored in a variable is odd or even.

OUTPUT:

```
Stored value = 5
The value is an odd number!
```

CODE:

