



TMC-2

Assembly Language Programming - Looping/Branching

Target Course Outcome:

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

Create an assembly language program:

Looping/Branching instructions. Create an assembly language program that determine the number of vowels found on a stored string (small caps only).

OUTPUT:

```
Stored string = hello world
String contains 3 vowels!
```

CODE:

