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Write MALP for the following

1. To read a number N from input and find if the number is odd or even. Display the result to the user.

2. To find the sum of the digits of a number N. Display the result to the user.

```
sum = 0;
while (N != 0)
{
    remainder = N % 10;
    sum      = sum + remainder;
    N       = N / 10;
}
```

3. Write the MIPS ALP for the high level code. Observe precedence and associativity rules.

```
a = a * b / c % d + e;
```