

1. Start
2. Read number (n)
3. Set sum = 0
4. While n > 0
  - 4.1. remainder = n % 10
  - 4.2. sum = sum + remainder
  - 4.3. n = n / 10
5. End while
6. Print sum
7. If sum % 2 == 0 then
  - 7.1. Print "Sum is an even number"
- Else
  - 7.2. Print "Sum is an odd number"
8. End if
9. If sum % 4 == 0 then
  - 9.1. Print "Sum is a multiple of 4"
10. End if
11. If sum % 5 == 0 then
  - 11.1. Print "Sum is a multiple of 5"
12. End if
13. Stop

