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Matric number: A24CS0251
Date: 17/10/2024

1. Start
2. Set sum=0
3. Read integer
4. While (integer >0)
 - 4.1 Number = integer %10
 - 4.2 sum = sum + number
 - 4.3 Number=number/10
5. End while
6. Print sum
7. If (sum%2==0)
 - 7.1 If ((sum%4==0) && (sum%5==0))
Print “ is even number & multiple of 4 and 5”
 - 7.2 Else if (sum%4==0)
Print “is even number & multiple of 4”
 - 7.3 Else if (sum %5==0)
Print “is even number & multiple of 5”
 - 7.4 Else
Print “is even number”
8. Else
 - 8.1 If ((sum%4==0)&&(sum%5==0))
Print “is odd number & multiple of 4 and 5”
 - 8.2 Else if (sum%4==0)
Print “is odd number & multiple of 4”
 - 8.3 Else if (sum%5==0)
Print “is odd number &multiple of 5”
 - 8.4 Else
Print “is odd number”
9. End if
10. End

