2. To examine the truth of the Statement "The sum of any five consecutive integers is divisible by 5. Amy 5 consecutive in tegers can be expressed as n, n+1, n+2, 113 and 114 wheren is any integer ie the Z Taking their sum. 5 = n+(n+1)+ (n+2)+ (n+3) + (444) =5n+10=5(n+2)This is clearly divisible by 5 for any integer n. Therefore, the statement is true.