

Beginner Problem Sheet 2

1. What is Else-if Ladder. REFER:
<https://www.geeksforgeeks.org/c-c-if-else-if-ladderwith-examples/> . How will you replace and Else-if ladder ?
2. What is nested if-else ? REFER :
https://www.tutorialspoint.com/cplusplus/cpp_nested_if.htm
3. Write a Program to input a Number 'N'. If the number is even, check whether the number is divisible by 6. And if the number is odd, check whether the number is divisible by 3.
4. Write Program to check whether an alphabet is Vowel or Consonant using SWITCH statement. Take number 'N' as input
5. Raheed has some money. Help him to determine how many 100, 50, 20, 10, 5, 2 and 1 Notes will be needed for a for his Money taken as Input. For example if the money Rasheed has is Rs. 545/- the he need five 100Rs. notes, two 20 Rs. notes and one 5 Rs. note.
6. Write a Program to determine whether a Given date is valid or not ?
7. What is Factors and Multiples ? REFER:
<https://byjus.com/maths/factors-and-multiples/#:~:text=A%20factor%20is%20a%20number.given%20number%20with%20other%20numbers>
8. Study about Greatest Common Divisor. REFER:
<https://byjus.com/maths/greatest-common-divisor/#:~:text=The%20greatest%20common%20divisor%20>
9. Study about Least Common Multiples. REFER:
<https://byjus.com/maths/lcm/#:~:text=In%20Mathematics%2C%20the%20LCM%20of.called%20the%20divisors%20of%2020>
10. Study about Prime Numbers. REFER :
<https://byjus.com/prime-number-formula/>