

Q1. Write a program in Java to input a number and check whether it is an even number or an odd number. Q2. Write a program in Java to input 3 numbers from the user and print which is greatest. Q3. Write a program in Java to input a number and check:- i) whether it is divisible by both 5 & 7 ii) whether it is divisible by 5 but not by 7 iii) whether it is divisible by 7 but not by 5 iv) whether it is neither divisible by 5 nor by 7 Q4. Write a program in Java to input 2 numbers and a choice in character, calculate and print according to the following condition using SWITCH-CASE:- i) if choice is '+' -----> Addition ii) if choice is '-' -----> Subtraction iii) if choice is 'x' -----> Multiplication iv) if choice is '/' -----> Division v) if choice is '%' -----> Modulus Q5. Write a program in Java to input units consumed by the user, calculate and print the electricity bill according to the following condition:- i) First 100 units ----- free ii) Next 50 units ----- ₹ 5 per unit iii) Next 70 units ----- ₹ 6 per unit iv) Above 220 units ----- ₹ 10 per unit Q6. Write a program in Java to input number of days a book is issued, calculate and print the fine according to the following condition:- i) First 7 days ----- no fine ii) Next 3 days ----- ₹ 1 per day iii) Next 5 days ----- ₹ 2 per day iv) Above 15 days ----- ₹ 5 per days Q7. Write a program in Java input a choice(CTF or FTC) in character, calculate and print according to the following conditions: i) if choice is CTF ---> Convert the temperature from Celsius to Fahrenheit i) if choice is CTF ---> Convert the temperature from Fahrenheit to Celsius