

CAT 2 Q3.html

Q) A company requires a program to enter employee name, hours worked and rate per hr of an employee then calculate basic pay. Tax is calculated on basic pay as follows: (12 marks)

Basic Pay	Tax
Over 50000	20% of basic pay
Btwn 20000 & 50000	10% of basic pay
Below 20000	Zero tax

Write a Javascript program that will enable the user to implement the following

- Prompt the user to enter employee name, hours worked and rate per hour
- Calculate the basic pay (basic pay = hours worked * rate per hour)
- Use an if-else statement to calculate tax based on basic pay to meet the stipulated requirements shown in the table above
- Calculate the net pay (net pay = basic pay - tax)

Answer: Steps

1) Prompt User of Input

- Use 'prompt' to collect the employee's name, hours worked and rate per hr from the user

2) Calculate Basic Pay

- Calculating the basic pay by multiplying the hrs worked by the rate per hr.
- Implement conditions to calculate tax based on the basic pay:
 - If the basic pay is over 50,000, apply a 20% tax
 - If the basic pay is btwn 20,000 and 50,000 apply a 10% tax
 - If the basic pay is below 20,000, no tax is applied.

3) Display Results

- Output the employee's name, basic pay and tax amount based on the calculated tax rates.