

1. Write a program that asks the user to enter two numbers X and Y. The program checks that **Y is greater than 0**; if it isn't it displays an error message: 'divisor cannot be zero'. Otherwise the program calculates and displays the quotient (X/Y).
2. Write a program that prompts the user to enter a number and displays whether the number is **odd** or **even**.
3. Write a program to calculate the total expenses. **Quantity** and **price** per item are input by the user and discount of **10%** is offered if the expense is **more than 5000**.

SAMPLE RUN # 1

Enter quantity:14

Enter price:300

Total Expense is Rs.4200

SAMPLE RUN # 2

Enter quantity:50

Enter price:300

Total Expense is Rs. 13500

4. Write a program that takes a character from the user and determines whether the character entered is a **capital** letter, a **small** case letter, a **digit** or a special **symbol**.
 5. Write a program to take a month number from user then return the season (3,4,5 -> **Spring** & 6,7,8 -> **Summer** & 9,10,11 -> **Autumn**)
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