1.   Write a program that will read in two numbers from the user. The program will then display the smaller of the two numbers on screen.

2.   A games shop is having a sale. Write a program that will read in the price of 2 computer games from the user and will calculate and display the total amount owing.   If the total price is greater than €50.00 a 20% discount will be given otherwise 10% discount will be applied. Display the total, the discount due and the total amount due.

3.   Write a program that will determine if a department store customer has exceeded the 1000 credit limit on their account. The program should ask the user to enter the following details:-

      Previous account balance
      Today's Purchases

      The program should determine and display whether or not the customer has exceeded their credit limit. Sample output when run might look as follows:

```
Credit Limit:                  1000.00
Enter Purchases to Date:       899.00
Enter Today's Purchases:       205.00

Credit Limit exceeded by       104.00
```


4.   Write a program that will calculate the total expenses payable to an employee. The program should ask the user to enter the miles travelled and the allowance per mile. If the number of miles travelled is more than 150 then an overnight allowance of €100 should be included in the total expenses awarded.
      *(expenses = miles travelled * allowance per mile)*

5.   Write a program that will calculate the area of a rectangle or a triangle.   The user should be prompted to enter the length and the height and either "T" for triangle or "R" for rectangle. If the user enters 'T' the program should calculate and display the area of Triangle. If the user enters 'R' the program should calculate and display the area of the rectangle.

Extra Practice Question
Write a program that will ask the user to enter hours worked and rate of pay for an employee and will calculate and display the employee's wages. If the employee has worked overtime (over 38 hours) allow them time and a half for the extra hours worked.