Structure

Question 1

This program will display the information of tenants who have rental due of more than RM1000.00.

- Create a structure called *Rental* with values *name*, *rent* and *month*.
- In the main() function:
    - Create a structure array with 4 elements called *R* with the following values.
        - Ali, 150, 4
        - Johnson, 350, 1
        - David, 270, 6
        - Malcom, 300, 5
- Calculate the total rental that needs to be collected.
- Display the data of the person with rental to be collected more than RM 1000.00.
- Display the output as shown below.

SAMPLE OUTPUT

```
-------------------------------------------------
-       RENTALS DUE MORE THAN RM1000.00         -
-------------------------------------------------
Renter name      : David
Monthly rental   : RM 270.00
Unpaid month     : 6
Unpaid amount    : RM 1620.00

Renter name      : Malcom
Monthly rental   : RM 300.00
Unpaid month     : 5
Unpaid amount    : RM 1500.00
```

Question 2

This program will calculate the area of 6 rectangles.

- Create a structure called *Area* with values *width, height* and *area*.
- In the main() function:
    - Create a *structure variable array* called *Rectangle* with 6 elements.
    - Ask the user to enter values for width and height.
    - Call function *get_area(...)* and pass the width and height.
    - Display the data as per sample output.
- In function get_area(...):
    - Calculate and return the area.

SAMPLE OUTPUT:

```
Enter width and height of rectangle : 2.5 10
Enter width and height of rectangle : 3 9
Enter width and height of rectangle : 11 5
Enter width and height of rectangle : 10 6.6
Enter width and height of rectangle : 2.33 7
Enter width and height of rectangle : 15 4.5

Area of rectangle with 2.50 by 10.00 width and height is 25.00

Area of rectangle with 3.00 by 9.00 width and height is 27.00

Area of rectangle with 11.00 by 5.00 width and height is 55.00

Area of rectangle with 10.00 by 6.60 width and height is 66.00

Area of rectangle with 2.33 by 7.00 width and height is 16.31

Area of rectangle with 15.00 by 4.50 width and height is 67.50
```