1. **Shipping Calculator**

Write a method that accepts a number of widgets and returns the number of crates required to ship those widgets. A crate holds 18 widgets. Only full crates are shipped, extra widgets are not included.

***public static int calculateCrates( int widgets)***

Write a method that accepts a number of crates and returns the cost of shipping the crates. The cost is $7.50 /per a crate for the first 10 crates. Additional crates are $5.50.

***public static double calculateShipping( int crates )***

Write an application that prompts the user for the number of widgets. Use the methods written above to calculate the number of crates being shipped and the cost of shipping. Output these values to the user. Notify the user how many left over widgets did not get shipped.

1. **Overtime Calculator**

Write a method that accepts hours worked, and hourly wage. It should return the pay earned with employees being paid 1.5 times their hourly rate on all hours over 40.

***public static double calculatePay( int hours, double payRate)***

Write an application that prompts for hours worked and hourly wage. The program calculates pay earned using the method you wrote above. It should continue to run until the user enters a negative value for hours.