Create a class Employee with the following private member variables.

* int employeeId
* String employeeName
* double salary
* double netSalary

Include appropriate getters and setters method in Employee class. Write the following method in the Employee class:  
**public void calculateNetSalary(int pfpercentage)  -**This method should take PF percentage as argument. Deduct the PF amount from the salary and set the netSalary.

Create a Main class which has the main method which invokes the method to get the input and prints the details as shown in the sample.

Also write a method :

   public static Employee getEmployeeDetails() -  which gets the employee details - id, name and salary, and returns the employee object.

public static int getPFPercentage() -  which gets the PF percentage and returns the same

In the main method invoke the above two methods, and then call the calculateNetSalary method in Employee class and print the output as shown below.

**Sample Input 1:**

Enter Id:  
101  
Enter Name:  
Vivek  
Enter salary:  
20000  
Enter PF percentage:  
7

**Sample Output 1:**

Id : 101

Name : Vivek

Salary : 20000.0

Net Salary : 18600.0

2. Create a class Ticket with the following private variables  
int ticketid;  
int price;  
static int availableTickets;

Include getters and setters methods in the Ticket class.

AvailableTickets should hold only positive value. Zero and negative values are not allowed.(This logic should be checked inside the corresponding setter method)

Write the following method in the Ticket class:

public int calculateTicketCost(int nooftickets) —this method should check the ticket availability, If the tickets are available, reduce the nooftickets from availableTickets and calculate the total amount as nooftickets\*price  and return the total amount.  If the tickets are not available, this method should return -1.

Write a main method in the Main class to test the application.

**Sample input and output**

Enter no of bookings:  
2  
Enter the available tickets:  
25  
Enter the ticketid:  
123  
Enter the price:  
100  
Enter the no of tickets:  
5  
Available tickets: 25

Total amount:500

Available ticket after booking:20

Enter the ticketid:  
124  
Enter the price:  
100  
Enter the no of tickets:  
2  
Available tickets: 20

Total amount:200

Available ticket after booking:18