1. Taxis worksheet:

Complete the cells with yellow backgrounds: **Total amount generated $, Incentive $, Average Miles, Total Miles, Maximum Miles, Minimum Miles:**

- **Total amount generated $:** this field is calculated as the addition of three components: the Base Fare multiplied by Total Trips, the Price per Mile multiplied by Miles Traveled and the Airport Surcharge multiplied by the Airport Trips.
- **Incentive $:** If the Miles traveled is greater than 680 and the Total Trips is greater than 70, the taxi driver will get an incentive based on the Airport Trips as indicated in the Incentive Table.
- **Summary section**: Use the necessary functions to calculate those values based on the Total Trips column.

Note: Functions must be used on all the cells.

2. Schedule worksheet:

- Complete the cells with yellow backgrounds
- **% Capacity:** these cells are calculated by dividing the number of passenger by the Seat Capacity. The entries marked with NTS (No Train Scheduled) indicate that for that train/day combination there was no train scheduled. In those cases, rather than a percentage the expression **N/A** should be recorded on those cells.
- Note: the same function entered on cell D8 must be propagated to columns F, H, J on the top section of the spreadsheet.
- **Summary section:** place the appropriate functions on those cells, based on the data in the Statistics per Day section. Do not enter functions on the cells marked with a '-' since adding % values does not have any significance in this case.

3. Financial worksheet:

- **Annual Rate:** enter the appropriate function to get the Annual Rate based on the number of Years the customer will take to pay a loan according to the Rate Table on the top section of the spreadsheet.
- **Monthly Payment:** enter the appropriate function to calculate the monthly payment of the customer.
- **Bottom Section (Customer 201)**
    - After calculating the Monthly Payments for all customers, detailed information needs to be provided for customer 201.
    - Customer 201 will be given information about the Interest payments and Principal Repayments for each month.
    - **Interest:** amount paid monthly to fulfill the requirements of the interest rate for the loan.
    - **Principal:** monthly amount applied to reduce the amount owed to the lender.
    - **Tip:** Use the **IPMT** and **PPMT** functions to calculate the Interest and Principal payments per month. (You probably don't need to know IPMT/PPMT for the exam, but I could be wrong)

- **Remaining Balance** is simply the difference between the previous Balance and the current Principal repayment. For the first month, this would be the difference between the Loan amount and the first principal payment.
- **Cells with a gray background:** You may enter manually the numbers obtained for those cells after completing the Monthly Payments section.
- **Cells with a blue background:** functions or formulas must be placed on those cells.