

Rent Receipt Generator

Build a rent-receipt generator which is capable of generating receipts of the following format:

RENT RECEIPT August 2018

Generated on ClearTax (cleartax.in/save/rent)

Receipt No: 1

Date: 31 Aug 2018

Received sum of INR Rs. 25,000 from **Batman** towards the rent of property located at **Burbank, California, United States** for the period from **01 Aug 2018 to 31 Aug 2018**

DC Comics (Landlord)

Pan: BCGPA8896M

RENT RECEIPT September 2018

Generated on ClearTax (cleartax.in/save/rent)

Receipt No: 2

Date: 30 Sep 2018

Received sum of INR Rs. 25,000 from **Batman** towards the rent of property located at **Burbank, California, United States** for the period from **01 Sep 2018 to 30 Sep 2018**

DC Comics (Landlord)

Pan: BCGPA8896M

1. The tool should take the following as inputs:
Monthly Rent, House Address, Tenant's name, Owner's name, Owner's PAN [if the total rent exceeds Rs. 1 lakhs], Occupancy start and end date.
2. The following validations should be in place:
 - a. The tool should allow users to generate rent receipts not exceeding one financial year (A financial year begins 1st April of the year and ends 31st March of the next year; example 1st April 2017 to 31st March 2018 is one financial year).
 - b. All fields except Owner's PAN are mandatory/required fields.
The owner's PAN number is mandatory *only* if the total rent exceeds Rs. 1 lakhs.
3. The tool should allow users to generate rent receipt for one or more months with one rent receipt for each month if the occupancy start and end date span across multiple months.
4. The end date of each rent receipt is determined by adding one month to the start date given by the user.
Case 1 If the start date is 01-08-2018 then the end date of first rent receipt should be 31-08-2018.
Case 2: If the start date is 15-08-2018 then the end date of first rent receipt should be 14-09-2018

Bonus points

1. Having necessary & contextual validations in place for all the input fields.
2. Adding capability for printing the rent receipts to a PDF.
3. A good UI with good user experience.

Keep in mind:

- Avoid using JS libraries or frameworks. eg. jQuery. **Vanilla JS is preferred.**
- You can add any features you see fit, which could differentiate the product from other similar products already in the market or improve its usability.
- Object-oriented JS code is a plus!