(*Financial application: loan amortization schedule*) The monthly payment for a given loan pays the principal and the interest. The monthly interest is computed by multiplying the monthly interest rate and the balance (the remaining principal). The principal paid for the month is therefore the monthly payment minus the monthly interest. Write a program that lets the user enter the loan amount, number of years, and interest rate, and then displays the amortization schedule for the loan. Here is a sample run:

```
Loan Amount: 10000 ↵Enter
Number of Years: 1 ↵Enter
Annual Interest Rate: 7 ↵Enter

Monthly Payment: 865.26
Total Payment: 10383.21

Payment#      Interest      Principal      Balance
1             58.33         806.93         9193.07
2             53.62         811.64         8381.43
...
11            10.00         855.26          860.27
12             5.01         860.25            0.01
```

Note: The program output MUST be in a tabular format as shown above.