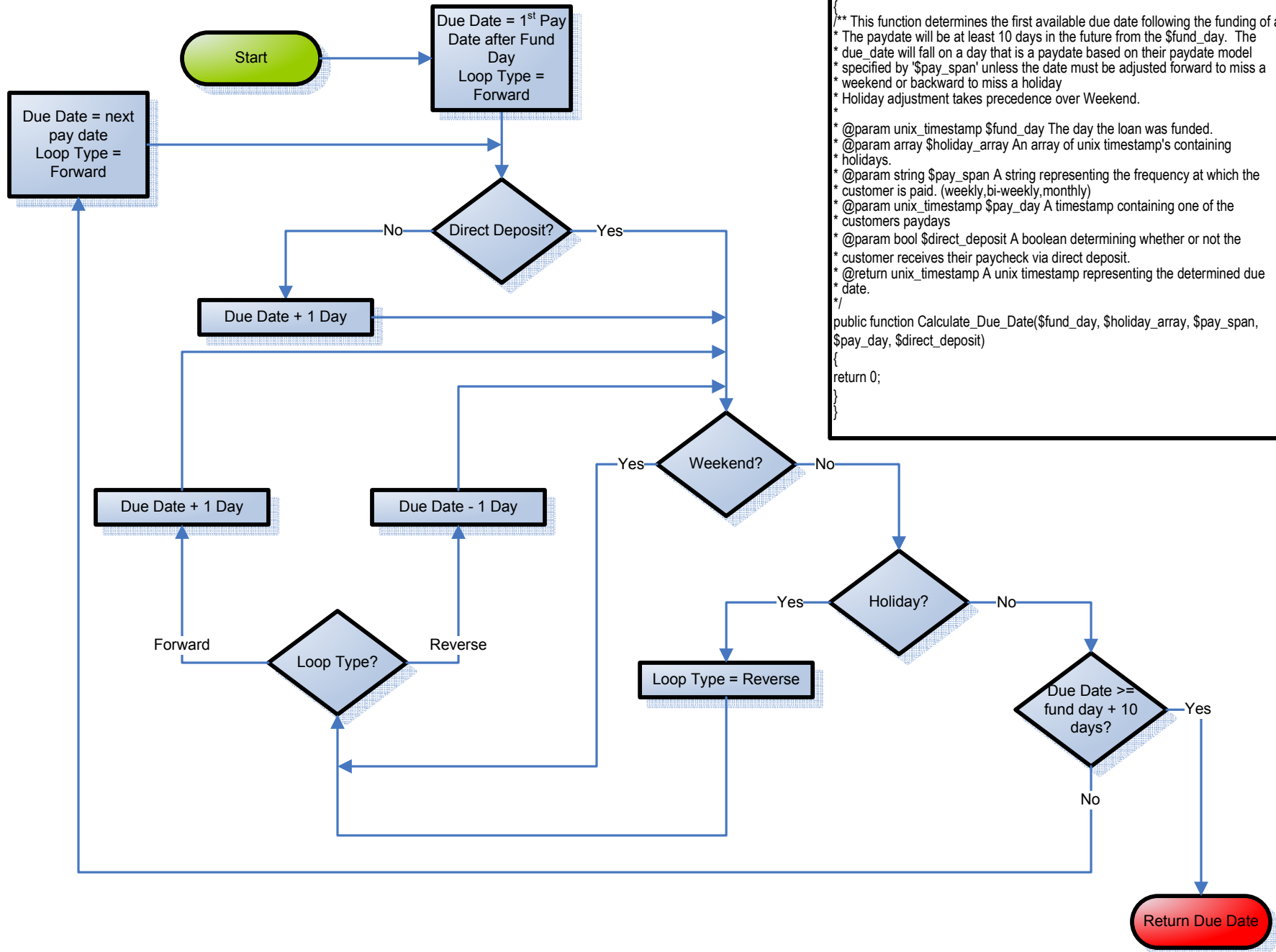


# Next Due Date Calculation

due\_date\_calculator



```

class Paydate_Calculator
{
  /** This function determines the first available due date following the funding of a loan.
  * The payday will be at least 10 days in the future from the $fund_day. The
  * due_date will fall on a day that is a payday based on their payday model
  * specified by $pay_span unless the date must be adjusted forward to miss a
  * weekend or backward to miss a holiday
  * Holiday adjustment takes precedence over Weekend.
  *
  * @param unix_timestamp $fund_day The day the loan was funded.
  * @param array $holiday_array An array of unix timestamp's containing
  * holidays.
  * @param string $pay_span A string representing the frequency at which the
  * customer is paid. (weekly,bi-weekly,monthly)
  * @param unix_timestamp $pay_day A timestamp containing one of the
  * customers paydays
  * @param bool $direct_deposit A boolean determining whether or not the
  * customer receives their paycheck via direct deposit.
  * @return unix_timestamp A unix timestamp representing the determined due
  * date.
  */
  public function Calculate_Due_Date($fund_day, $holiday_array, $pay_span,
  $pay_day, $direct_deposit)
  {
    return 0;
  }
}
  
```