|  |  |  |
| --- | --- | --- |
| Input | Processing | Output |
| Text data from patient.txt file | Timer   * Use timer to increment values of progress bar   Display Patient Information   * Get patient information from text file and assign to arrays * Accumulate total systolic values and average values for all patients   Search for High Blood Pressure and Write to File   * Loop through array to find systolic values over 120 and write to file * Assign number of patients to accumulator * Write patient records to file   Clear Form   * Restart form | Incremented value of progress bar  Total records read in patient.txt file  Patient information from patient.txt file  Number of patients written to consult.txt file  Number of patients with high blood pressure  Average patient systolic value |