

2ND PROCESSING SECTION OF CODE



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**Display**  
START OF  
2ND PROCESSING SECTION

**Display:**  
"Welcome to the motif searching section of this Programme"

**Display:**  
"You will be using palmatmotif to search for motifs in your sequences"

**Choice (Y/N)**  
If the user wants to search for motifs or terminate the program

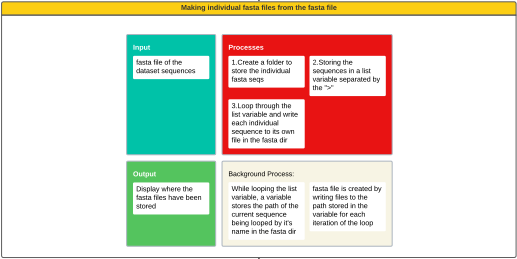
**NO**  
or  
Do not want to proceed

**End**

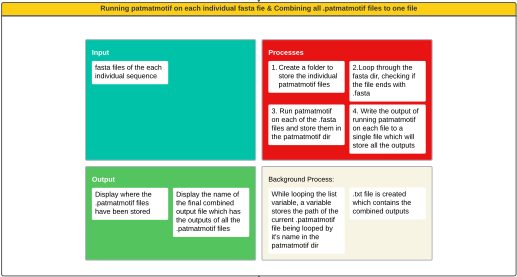
**YES**  
or  
Proceed to search for motifs

**Display:**  
The new working directory that was created for the current dataset to store all the results that follow

**Display:**  
The fasta file we are going to use and please file content successfully to be used for searching



**Display:**  
"Time to start the search ... Just sit to your seat ... This is fast and fun"



**Display:**  
"All palmatmotif results are combined into combined\_output\_filename"

**Display:**  
Run the following bash command to get the list of motifs present  
"grep 'Motif' combined\_output\_filename | cut -d '=' -f 2 | sort | uniq -c | sort -nr > finalmotif.txt"

**Display:**  
"Motifs present have been successfully extracted and saved"

**Display:**  
These are the motifs that were present in our database