

In-location = 3, 5, 9

pages_iterator = 1

pageCount = 6

location = In_location[1]

FinalPDF = empty

tempPDF = inputPDF

tempPage = empty

if (pageCount > 1)

{
 ddx - extract FirstPage \Rightarrow tempPage

 ddx - extract RemainingPage \Rightarrow tempPDF

 if (pages_iterator == location)

 {
 appendBlankPage \Rightarrow FinalPDF
 location [nextNumber]

 }

 appendFirstPage \Rightarrow FinalPDF

 pageCounter DDX using tempPDF
 \Rightarrow pageCount

 pages_iterator += 1

 }

else

{

 appendFirstPage to FinalPDF

 i.e - append tempPDF to finalPDF

 }