

- The INODE can support 10112 blocks -  $12 + 100 + (100 * 100)$
- Any block  $i$  in the range 0 to 11 is in the direct String array at the address  $i$
- Any block  $i$  in the range 12 to 111 is in the indirect String array at the address  $i - 12$  (as the direct array is the first 12 blocks)
- Any block  $i$  in the range 112 onward is in the double indirect array of String arrays at the address  $i - 112$  (as the direct and indirect arrays are the first 112 blocks)
- Block file  $i$  is named blocki.txt. The logic for determining how the block is referenced is carried out internally based on its number.