

Algorithm

1. Start.
2. $len = -1, str[50], revstr[50]$
3. $*strptr = str$
4. $*revptr = revstr$
5. while ($*strptr$)
 {
 $strptr++$;
 $len++$;
 }
6. while ($len \geq 0$)
 {
 $strptr--$;
 $*revptr = *strptr$;
 $revptr++$;
 $--len$;
 }
7. $*revptr = '\0'$
8. output
9. return 0
10. Stop

Flowchart :

