

case 1 \Rightarrow "pwjava" o/p \Rightarrow "avajwp"

case 2 \Rightarrow "pwskill java" o/p \Rightarrow "java pwskill"

case 3 \Rightarrow "pwskill java" o/p \Rightarrow "avaj llikswp"
likspw avaj

\Rightarrow String str1 = "pwjava";
String str2 = "";

str1 \rightarrow pwjava
0 1 2 3 4 5

b-1

for(int i = str1.length() - 1; i >= 0; i--)

1 2 3 4 5

i >= 0
5 >= 0
4 >= 0
3 >= 0
2 >= 0

{ str2 = str2 + str1.charAt(i);
s.o.p(str2); avajwp

" " + 'a' \Rightarrow "a"
"a" + 'v' \Rightarrow "av"
"av" + 'a' \Rightarrow "ava"
"ava" + 'j' \Rightarrow "avaj"

\Rightarrow "avajwp"

\Rightarrow case 2 :- pwskill java \Rightarrow java pwskill

String str1 = "pwskill java";
String str2 = "";

str1 \rightarrow pwskill java
0 1 2 3 4 5 6 7 8 9

i >= 0
9 >= 0
8 >= 0
7 >= 0

String sarr[] = str1.split(" ");

for(int i = sarr.length - 1; i >= 0; i--)

{ str2 = str2 + sarr[i] + " ";

s.o.p(str2); // java pwskill

" " + sarr[1] + " "
" " + java + " "
"java " + pwskill + " "
"java pwskill "

=> case 3 => "pwwskill java" => avaj llikswp

←
pwwskill java
0 1 2 3 4 5 6 7 8 9 10 11

=> String str1 = "pwwskill java";

String str2 = "";

for (int i = str1.length() - 1; i >= 0; i--)

1 1 1 1 1 1 1 1 1 1 1 1
117=0

{
 str2 = str2 + str1.charAt(i);

" " + 'a'

"a" + 'v'

"av" + 'a'

}

sort(str2); avaj llikswp

"avh"