common presex string amongst an array of strings.

To there is no common presix, return an empty

string" "

Input: strs = ["flower", "flow", "flight"]
output: "fl"

Program:

class Solution &

public String long est Common Pre Eix (String [3 strs) }

String result = "";

Sut contrudex =0;

96 cstrs. length ==1)
return strlo3;

While (true) {

Sor (Port 9=0; 928trs. 1 ength -1;9++)

ş

PEC CUTTINDEX >= Str 297. length () 11

curitrdex = strs [9+1]. length() | strs[9]. char At (currindex) != strs[i+1]. charAt (currIndex)) &

return result;

33

result = result + Storo], char At (curr Index); curr Index +=1;333.

```
class solution &
     public string longes+Common Prefix Cstring [] stral &
       9& (strs == null | 1 strs. length == 0)}
               return " ";
     PE (stros. length ==1)}
            returastrs [0];
                 MARKETRAN SEATON CONTRA
     String result = ""
     Put contract =0;
     while (true) &
          for (90+ 9=0; 92 Strs. length -1;9++) &
             98 CourtIndex = 8tra [93. TengtAN]
                currIndex 1 = Strs [2+1]. length () 1)
                 Strs 293. Char At (curr Index) !=
                  strs [9413. charA+courrzodex)}
                     return result; 93
           result + = StrEo] . CharAt countridex);
            curr Index +t; 533.
```

Str = 3 "Slower", "How", "Slightig

Infitalization

13tra == null 11 strs length ===0. "Shing check " " stys, lande souse. -> salse.

check

Strs. length == 1 result = " " a hole (100) 3==1 x -> Salse. currender= 6

White loop Execution

Ptenation (1) currendex =0.

Enter Whe loop start the for loop.

for P=0. 1° C strs. length -1
PL 3-1 PL2. 0∠82~

98 (constrodex >= 8trs [8]. (ength ()

0 >= Str820]. length() 0>= 6 X

CURTINDEX > = Straff +1]. length()

x 4= <0 () Atpress - [1] Bite = <0

Str8 887. CharAt (consiIndex)] =

8 tra [Pt1]. Char At courtness))

Strafo]. CharAt col = &

Str [1], charAt(0)=& f1= t x

(match -> continue) 9=1

9 c3tps, le rath -1 P L 3-1

of (currender > = 3 tragged, length () 07= 4x

curr Index >= Straff+13-length 1)

62=6入.

```
Straff] . chas At ( currIndex) ! = Straff+1]. chas At
                                      (mus tuged))
       Stra (1) & CharAt Co)='&'X
       8778 72]. Chan At (0) = 181
           Wator -> Exet for pap.
                                6 = 3428 /audyy -1
                     L> Because
                                  RL2. 3L2X
result = street, [ogrte = +threar;
 result = Strolo]. charAt(0);
  result = result + 0
   result = " 11+8
   I result -
      currendex++; [currendex=]
                                    output
Pteration 2
                                       8.
   Enter while loop.
    Start the for 1000
                 9 C Str. length -1
  Bor 9=0
                   RC3-1 PL2 OLZU
62
        (CurrIndex 1 = Stroff), [P] , length ()
                1>=6x
         ( 1 Ptpns). [1+9787t8 = < xsbrznus)
                 1 = Stra[1] . length () 1 = 4 X.
          Stra [7] , chanAt (Bur Index)! -
               Str89877 . chanAt(currIndex)
                8 tr8 (0) . charat (1) 1 -
                    Stro [9+1]. Chash (curr Index)
```

```
1= & ×.
         match continue.
       PEStra length-1 PL3-1 1220.
 9=1
  8f (currender >= Stra P9], length ()
             0>=4X
      countridex >= Str8 [9+1]. length()
              0>=6X.
 otra[P]. chanAt(cuonIndex)! = stra[P+1]. chanAteurrIndex))
          Stracij. CharAt (1) = 1 1)
          Otra[2]. charAt (1) = 181 -> match -> 899+ For 100p.
                       L) Because
                          19=3 9 cstrs. length-1
  result + = Stiglo] charAtecurorIndex); PCZ 3x 2x.
 result = StroloJ, chan At (1);
  result = 57 2 house in Rob, 10/0000 - + fluxer
   Tresult = fl (won Index ++);
                [currIndex = 2]
Ptosation 3
    Enter while bop stouct the for loop
  Ger 9=0 92 str. 1800/18-1
                9 c 3 -1 PCZ 0226.
98 CEBRITADER > = Strole ]. (ength ())
               1>=6X
     (charIngex > = Stab (64) ()
            1>=str$ 17. length 1>=4X.
       Straff], charAt (cumEntlex) ! =
             strafeti]. ChanAt (currIndex)
              etr8 [0]. charat (2) 1 =
                strs [9]. chan At (2) 0 ! = 0 X
            matel continue.
```

9 25-1 1 121 Po (currendex >= strate7. (engtac) 01=41 currender 1 = striggerts, longth() 0>=6x stra 197. charAt(curindex) 1 = 3tra (9+1) chan At (cumindex) strs(i), charAt(a) = 0 Stra [2]. charAt(2) = 9. Ly Not match exit the loop.