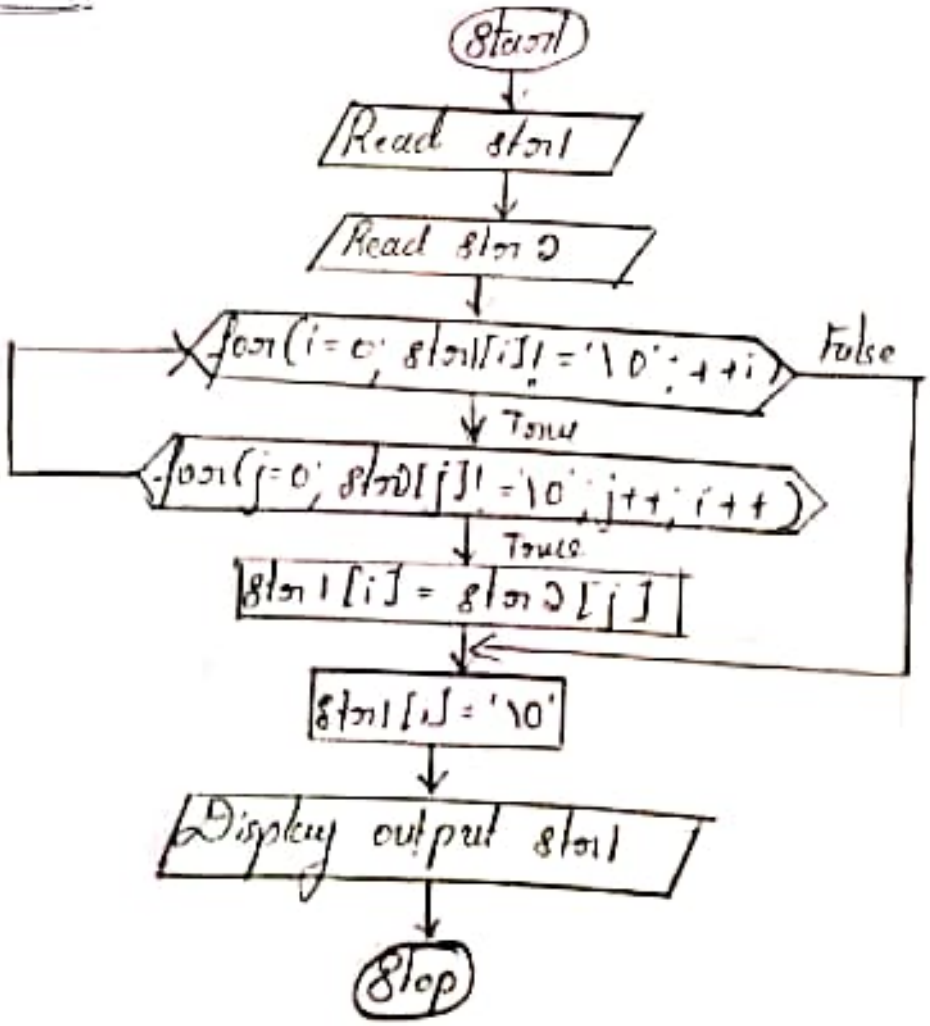
Program to implement string concatenation

Algorithm

Step 1: Start
Step 2: Read str1
Step 3: Read str2
Step 4: for (i=0; str1[i]!='\0'; i++)
        for(j=0, str2[j]!='\0'; j++, i++)
        str1[i] = str2[j]
Step 5: str[i] = '\0'
Step 6: Display output str1
Step 7: Stop

Flowchart



Code, Compile & Run

Ide

GANAVI

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)

Code gets autosaved every second

```c
#include <stdio.h>
int main()
{
   char str1[50], str2[50], i, j;
   printf("\nEnter first string: ");
   scanf("%s",str1);
   printf("\nEnter second string: ");
   scanf("%s",str2);
   for(i=0; str1[i]!='\0'; ++i);
   for(j=0; str2[j]!='\0'; ++j, ++i)
   {
      str1[i]=str2[j];
   }
   str1[i]='\0';
   printf("\nOutput: %s",str1);

   return 0;
}
```

7:20

Open File

Custom Input

Run

Custom Input

```
negotiat
ion
```

Status Successfully executed **Date** 2020-06-25 06:57:41 **Time** 0 sec **Mem** 9.424 kB

Input

```
negotiat
ion
```

Output

```
Enter first string:
Enter second string:
Output: negotiation
```