

PROGRAM-6

CODE:

```
C Program_6.c > main()
1  #include <stdio.h>
2  #include <string.h>
3  int main()
4  {
5      char a[50][50];
6      printf("Enter strings:");
7      int i=0;
8      gets(a[i]);
9      while(strlen(a[i]) != 0){ //Taking input
10         i++;                //Unless blank line is entered
11         gets(a[i]);
12     }
13     printf("Required output:");
14     for(int j=0;j<=i;j++){
15         for(int k=0;k<strlen(a[j]);k++){
16             printf("%c ",a[j][k]);
17         }
18         printf("\n");
19     }
20 }
21 return 0;
22 }
```

OUTPUT:

```
PS D:\C Programs> .\Program_6.exe
Enter strings:My name is
Amogh Garg
and I study at NSUT
I am 18 years old

Required output:M y   n a m e   i s
A m o g h   G a r g
a n d   I   s t u d y   a t   N S U T
I   a m   1 8   y e a r s   o l d
```

By:Amogh Garg

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