



Project Classes Debug

exp 8.cpp exp 9.cpp exp 10.cpp

```
1  #include<stdio.h>
2  #include<string.h>
3  int main()
4  {
5      char gram[20],part1[20],part2[20],modifiedGram[20],newGram[20],tempGram[20];
6      int i,j=0,k=0,l=0,pos;
7      printf("Enter Production : S->");
8      gets(gram);
9      for(i=0;gram[i]!='\0';i++,j++)
10         part1[j]=gram[i];
11     part1[j]='\0';
12     for(j=0,i=0;gram[j]!='\0';j++,i++)
13         part2[i]=gram[j];
14     part2[i]='\0';
15     for(i=0;i<strlen(part1)||i<strlen(part2);i++)
16     {
17         if(part1[i]==part2[i])
18         {
19             modifiedGram[k]=part1[i];
20             k++;
21             pos=i+1;
22         }
23     }
24     for(i=pos,j=0;part1[i]!='\0';i++,j++){
25         newGram[j]=part1[i];
26     }
27     newGram[j++]='\0';
28     for(i=pos;part2[i]!='\0';i++,j++){
29         newGram[j]=part2[i];
30     }
31     modifiedGram[k]='X';
32     modifiedGram[k++]='\0';
33     newGram[j]='\0';
34     printf("\n S->%s",modifiedGram);
35     printf("\n X->%s\n",newGram);
36 }
```

Compiler Resources Compile Log Debug Find Results Close

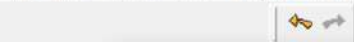
Abort Compilation

Compilation results...

```
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- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\swaro\OneDrive\Documents\exp 10.exe
- Output Size: 128.6005859375 KiB
- Compilation Time: 0.19s
```

C:\Users\swaro\OneDrive\Documents\exp 10.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help



Project Class

C:\Users\swaro\OneDrive\Documents\exp 10.cpp

Enter Production : S->iEtS|iEtSeS|a

S->iEtSX

X->|eS|a

Process exited after 101.9 seconds with return value 0

Press any key to continue . . .

Compiler

About Compiler

☐ Shorten compiler paths

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\swaro\OneDrive\Documents\exp 10.exe
- Output Size: 128.6005859375 KiB
- Compilation Time: 0.19s

Line: 38 Col: 1 Sel: 0 Lines: 38 Length: 1113 Insert Done parsing in 0.016 seconds