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OnlineGDB beta

online compiler and debugger for c/c++

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main.c

```c
 2
 3    Welcome to GDB Online.
 4    GDB online is an online compiler and debugger tool for C, C++, Python, PHP, Ruby,
 5    C#, VB, Perl, Swift, Prolog, Javascript, Pascal, HTML, CSS, JS
 6    Code, Compile, Run and Debug online from anywhere in world.
 7
 8    *******************************************************************************/
 9    #include <stdio.h>
10    #include <string.h>
11
12    int main()
13    {
14        char str[50];
15        int l,i;
16        printf("Enter the string\n");
17        gets(str);
18        l = strlen(str);
19        printf("%c",str[0]);
20        for(i=0;i<l;i++)
21        {
22            if(str[i]==' ')
23            {
24                printf("%c",str[i+1]);
25            }
26        }
27        return 0;
28    }
```

input

```
/usr/bin/ld: /tmp/ccIT972Y.o: in function `main':
main.c:(.text+0x2f): warning: the `gets' function is dangerous and should not be used.
Enter the string
R N S Instituteof Technology
RNSIT

...Program finished with exit code 0
Press ENTER to exit console.
```

```c
3  Welcome to GDB online.
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5  C#, VB, Perl, Swift, Prolog, Javascript, Pascal, HTML, CSS, JS
6  Code, Compile, Run and Debug online from anywhere in world.
7
8  *******************************************************************************/
9  #include <stdio.h>
10 #include <string.h>
11 int main()
12 {
13     char s1[50] = "R N S institute Of Technology";
14   char s2[50] = " Bengaluru";
15
16     printf("Length of string is %zu \n",strlen(s1));
17     strcat(s1, s2);
18    printf("string after concatenation \n");
19    puts(s1);
20
21     for(int i=0;i<=strlen(s1);i++)
22     {
23       if(s1[i]>=97&&s1[i]<=122)
24          s1[i]=s1[i]-32;
25     }
26    printf("\nUpper Case String is\n %s",s1);
27
28     return 0;
29  }
```

input

```
Length of string is 29
string after concatenation
R N S institute Of Technology Bengaluru

Upper Case String is
 R N S INSTITUTE OF TECHNOLOGY BENGALURU

...Program finished with exit code 0
```

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Language C

main.c

```c
1  /**********************************************************
2
3  Welcome to GDB Online.
4  GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5  C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6  Code, Compile, Run and Debug online from anywhere in world.
7
8  ***********************************************************/
9  #include<stdio.h>
10 #include <string.h>
11
12 int main()
13 {
14     char s[1000];
15     int i,n,c=0;
16
17     printf("Enter  the string : ");
18     gets(s);
19     n=strlen(s);
20
21     for(i=0;i<n/2;i++)
22     {
23         if(s[i]==s[n-i-1])
24         c++;
25
26     }
27     if(c==i)
```

input

```
        |         ^~~~
/usr/bin/ld: /tmp/ccQgDA1d.o: in function `main':
main.c:(.text+0x44): warning: the `gets' function is dangerous and should not be used.
Enter  the string : TAT
string is palindrome

...Program finished with exit code 0
Press ENTER to exit console.
```

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Language C

main.c

```c
1   /**************************************************************
2
3   Welcome to GDB Online.
4   GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5   C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6   Code, Compile, Run and Debug online from anywhere in world.
7
8   **************************************************************/
9   #include <stdio.h>
10  #include <string.h>
11
12  void main()
13  {
14      char s[200];
15      int count = 0, i;
16
17      printf("Enter the string \n");
18      gets(s);
19      for (i = 0;s[i] != '\0';i++)
20      {
21          if (s[i] == ' ' && s[i+1] != ' ')
22              count++;
23      }
24      printf("Number of words in given string are %d\n", count + 1);
25  }
```

input

```
main.c:(.text+0x3f): warning: the `gets' function is dangerous and should not be used.
Enter the string
r n s istitute of technology
Number of words in given string are 6


...Program finished with exit code 0
Press ENTER to exit console.
```

main.c

```c
/*******************************************************************/
#include <stdio.h>
int main()
{
    char ch, s1[100],c,chara,s2[100]="RNS";
    printf("Different ways of reading character\n");
    printf("Enter any character:It will read using scanf\n");
    scanf("%c",&ch);
    printf("Enter any character: It will read using getch\n");
    c=getch();
    printf("Enter the character: It will read using getche\n");
    chara=getche();
    printf("\nDifferent ways of printing character\n");
    printf("Printing character using printf statement\n");
    printf("%c,%c,%c",ch,c,chara);
    printf("\nPrinting character using putchar\n");
    putchar(ch );
    putchar(c );
    putchar(chara );
    printf("\nDifferent ways of reading string\n");
    printf("Enter any string: It will read using scanf\n");
    scanf("%s",s1);
    printf("\nDifferent ways of printing string\n");
    printf("Printing string using printf statement\n");
    printf("%s %s",s1,s2);
    printf("\nPrinting string using puts\n");
    puts(s1);
    puts(s2);
    return 0;

}
```

input

stderr

```
Different ways of reading character
Enter any character:It will read using scanf
A
Enter any character: It will read using getch
Enter the character: It will read using getche
C
Different ways of printing character
Printing character using printf statement
A,B,C
Printing character using putchar
ABC
Different ways of reading string
Enter any string: It will read using scanf
RNSIT

Different ways of printing string
Printing string using printf statement
RNSIT RNS
Printing string using puts
RNSIT
RNS
PS C:\Users\918886\OneDrive\Desktop\RNSIT\3 SEM\Joy of coding dsa1\Day 6>
```