

Start here X main.c X

1 #include <stdio.h>
2 #include <stdlib.h>
3 #include<math.h>
4 int main()
5 {
6 char name[20];
7 int l1;
8 printf("enter name \n");
9 scanf("%s",&name);
10 l1=strlen(name);
11 printf("length is %d",l1);
12 return 0;
13 }
14

H:\hhhh\main.exe
enter name
amit
length is 4
Process returned 0 (0x0) execution time: 0.000 s
Press any key to continue.
-

Start here X

main.c X

1

2

3

4

5

6

7

8

9

10

11

12

13

14

```
#include <stdio.h>
#include <stdlib.h>
#include <math.h>
int main()
{
    char name[20];
    char target[10];
    printf("enter name \n");
    scanf("%s",&name);
    strcpy(target,name);
    printf("%s \n%s", name,target);
    return 0;
}
```

H:\hhhh\main.e

enter name
hello
hello
hello
Process returned 0 (0x0) e
Press any key to continue.

Start here X main.c X

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include<math.h>
4  int main()
5  {
6      char s1[20];
7      char s2[10];
8      printf("enter name and sirname\n");
9      scanf("%s \n%s",&s1,&s2);
10     strcat(s1,s2);
11     printf("%s \n%s", s1,s2);
12     return 0;
13 }
14
```

H:\hhhh\main.exe

```
enter name and sirname
amit
jain
amitjain
jain
Process returned 0 (0x0)   execution
Press any key to continue.
<
```

Start here X main.c X

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include<math.h>
4  int main()
5  {
6      char s1[20];
7      char s2[10];
8      int l1;
9      printf("enter name and sirname\n");
10     scanf("%s \n%s",&s1,&s2);
11     l1=strcmp(s1,s2);
12     printf("%d", l1);
13     return 0;
14 }
15
```

H:\hhhh\main.exe

```
enter name and sirname
amit
amit
0
Process returned 0 (0x0)   executi
Press any key to continue.
-
```

Start here X

main.c X

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

```
#include <stdio.h>
#include <stdlib.h>
#include<math.h>
int main()
{
    char s1[20];
    char s2[10];
    int l1;
    printf("enter name and surname\n");
    scanf("%s \n%s",&s1,&s2);
    l1=strcmp(s1,s2);
    printf("%d", l1);
    return 0;
}
```

H:\hhhh\main.exe

enter name and surname
amit
amitaa
-1
Process returned 0 (0x0) execution time
Press any key to continue.

Start here

main.c

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include<math.h>
4  int main()
5  {
6  char s1[20];
7  char s2[10];
8  int l1;
9  printf("enter name and surname\n");
10 scanf("%s \n%s",&s1,&s2);
11 l1=strcmp(s1,s2);
12 printf("%d", l1);
13     return 0;
14 }
15
```

H:\hhhh\main.exe

```
enter name and surname
amitaa
ami
1
Process returned 0 (0x0)   executi
Press any key to continue.
```

Start here

main.c

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <math.h>
4  int main()
5  {
6  char s1[20];
7  char s2[10];
8  int l1;
9  printf("enter name\n");
10 scanf("%s",&s2);
11 strupr(s2);
12 printf("%s",s2);
13     return 0;
14 }
15
```

```
enter name
amita
AMITÄ
Process returned 0
Press any key to co
```

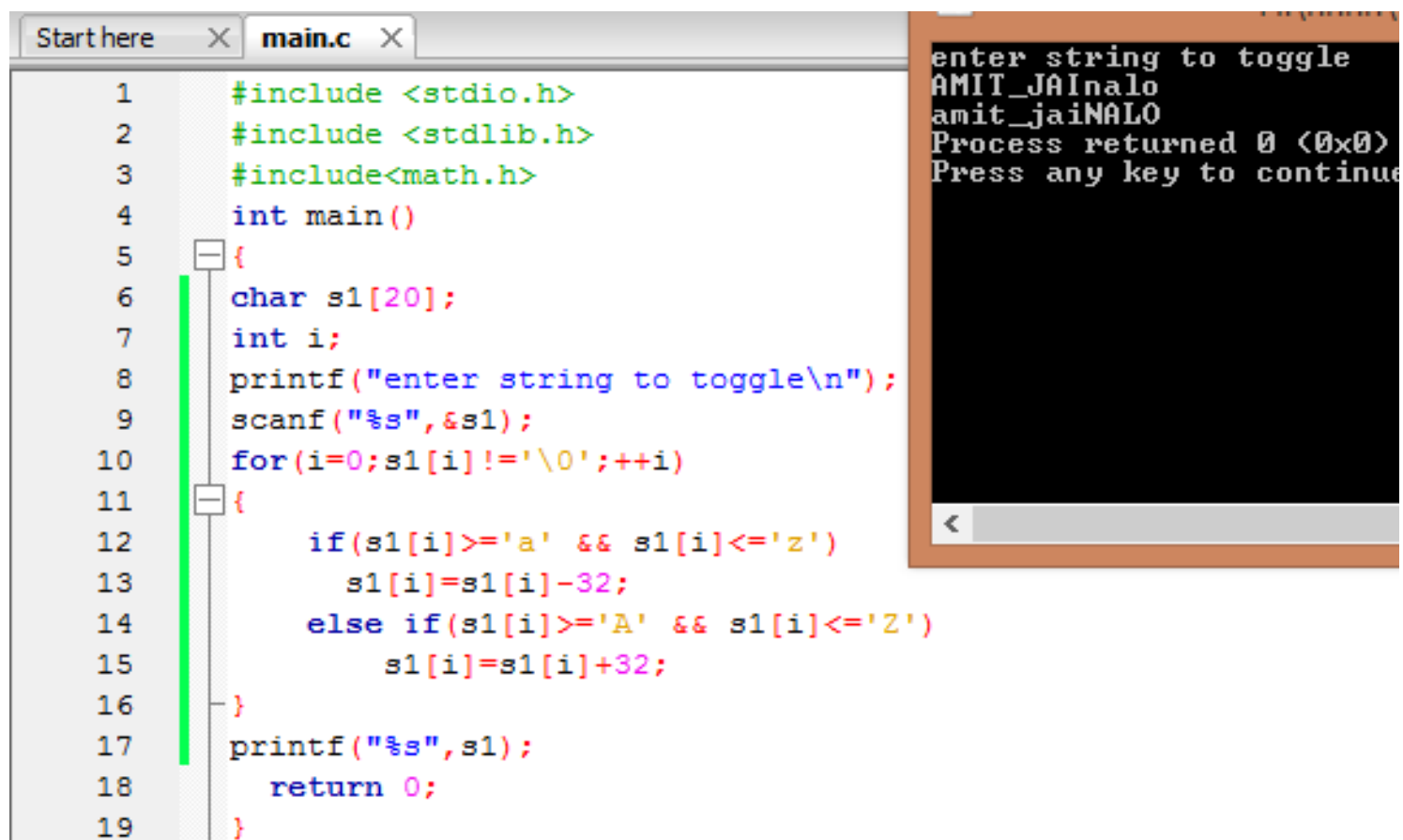
Start here X

main.c X

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include<math.h>
4  int main()
5  {
6      char s1[20];
7      char s2[10];
8      int l1;
9      printf("enter name\n");
10     scanf("%s",&s2);
11     strlwr(s2);
12     printf("%s",s2);
13     return 0;
14 }
15
```

H:\hhhh\main.exe

enter name
AMITa
amita
Process returned 0 (0x0) execu
Press any key to continue.



The image shows a C program in a code editor and its execution in a terminal. The code is a simple program that takes a string as input and toggles the case of each character (uppercase to lowercase and vice versa). The terminal output shows the program being run, the input string "AMIT_JAIInalo", and the resulting output "amit_jaiNALO".

```
Start here X main.c X
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include<math.h>
4  int main()
5  {
6  char s1[20];
7  int i;
8  printf("enter string to toggle\n");
9  scanf("%s",&s1);
10 for(i=0;s1[i]!='\0';++i)
11 {
12     if(s1[i]>='a' && s1[i]<='z')
13         s1[i]=s1[i]-32;
14     else if(s1[i]>='A' && s1[i]<='Z')
15         s1[i]=s1[i]+32;
16 }
17 printf("%s",s1);
18 return 0;
19 }
```

enter string to toggle
AMIT_JAIInalo
amit_jaiNALO
Process returned 0 (0x0)
Press any key to continue

Starthere x main.c x

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 int main()
4 {
5     char s1[20];
6     int i,v=0,c=0;
7     printf("enter string \n");
8     scanf("%s",&s1);
9     for(i=0;s1[i]!='\0';++i)
10    {
11        if((s1[i]=='a' || s1[i]=='e' || s1[i]=='i' || s1[i]=='o' || s1[i]=='u') || (s1[i]=='A' || s1[i]=='E' || s1[i]=='I' || s1[i]=='O' || s1[i]=='U'))
12            v++;
13        else
14            c++;
15    }
16    printf(" vowels- %d\n",v);
17    printf("consonant- %d\n",c);
18    return 0;
19 }
20
```

H:\hhhh\main.exe

```
enter string
HELLOayushi
vowels- 5
consonant- 6
Process returned 0 (0x0)   execution time : 27.8
Press any key to continue.
```

Code::Blocks x Search results x Cccc x Build log x

File Line Message

The image shows a code editor window with a file named `*main.c` and a console window titled `H:\hhhh\main.exe`. The code in the editor is a C program that takes a string input, reverses it, and prints the result. The console output shows the input "hello 123" being reversed to "321 olleh".

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  int main()
4  {
5      char s1[20];
6      printf("enter string \n");
7      gets(s1);
8      strrev(s1);
9      printf(" %s", s1);
10     return 0;
11 }
12
```

Console Output:

```
H:\hhhh\main.exe
enter string
hello 123
321 olleh
Process returned 0 (0x0)   execution
Press any key to continue.
```

The image shows a C program in a code editor and its execution in a command prompt. The code editor window has tabs for 'Start here' and 'main.c'. The code in 'main.c' is as follows:

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  int main()
4  {
5      char s1[20];
6      char s2[20];
7      printf("enter string \n");
8      gets(s1);
9      strcpy(s2,s1);
10     strrev(s1);
11
12     if(strcmp(s2,s1)==0)
13     printf("yes");
14     else
15         printf("no palindrome");
16     return 0;
17 }
18
19
```

The command prompt window shows the execution of the program. It displays the prompt 'enter string', the input 'malayalam', and the output 'yes'. It also shows the message 'Process returned 0 (0x0) ex' and 'Press any key to continue.'.

Start here

main.c

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  int main()
4  {
5      char c[]="hello world! learn 3c";
6      printf("%s \n", &c[2]);
7      printf("%s \n",c);
8      printf("%s \n",&c);
9      printf("%c \n",c[2]);
10     return 0;
11 }
12
13
```

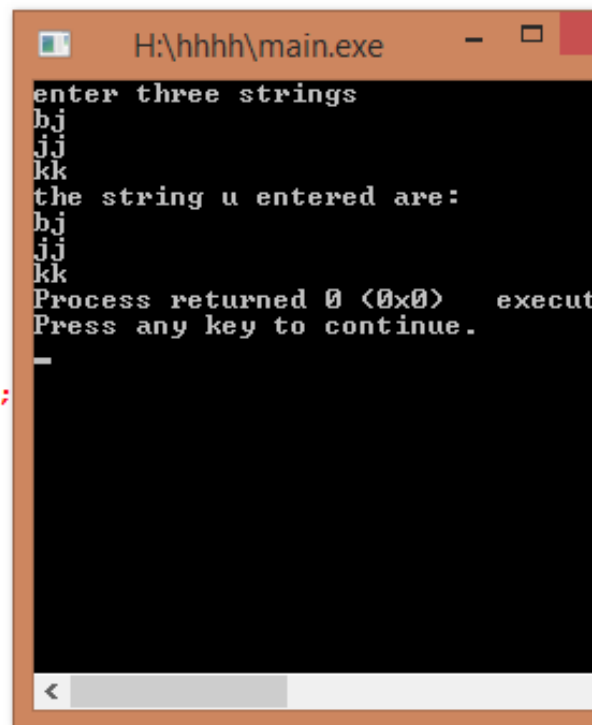


H:\hhhh\main.exe

```
llo world! learn 3c
hello world! learn 3c
hello world! learn 3c
l
```

Process returned 0 (0x0) execution time : 0.016 s
Press any key to continue.

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  int main()
4  {
5      char s[3][10];
6      int i;
7      printf("enter three strings\n");
8      for(i=0;i<=2;++i)
9      {
10         gets(s[i]);
11     }
12     printf("the string u entered are:");
13     for(i=0;i<=2;++i)
14     {
15         printf("\n%s",s[i]);
16     }
17     return 0;
18 }
19
20
21
```



```
H:\hhhh\main.exe
enter three strings
bj
jj
kk
the string u entered are:
bj
jj
kk
Process returned 0 (0x0)   execut
Press any key to continue.
```