

C #include <stdio.h> Untitled-1 • C #include <stdio.h> Untitled-2 •

▶ □ ...

```
1  #include <stdio.h>
2  int main()
3  {
4      int a;
5      printf("enter a positive number");
6      scanf("%d",&a);
7      if(a%5==0 && a%11==0)
8      {
9          printf("\n%d is divisible by both 11 and 5",a);
10     }
11     else
12     {
13         printf("\n%d is not divisible by 5 and 11",a);
14     }
15     return 0;
16 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + ▾ □ 🗑 ... ✕

PS C:\Users\lakshmanan> cd "C:\Users\LAISHM~1\AppData\Local\Temp"

PS C:\Users\lakshmanan\AppData\Local\Temp> cd "C:\Users\LAISHM~1\AppData\Local\Temp\" ; if (\$?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if (\$?) { .\tempCodeRunnerFile }

enter a positive number55

55 is divisible by both 11 and 5

PS C:\Users\lakshmanan\AppData\Local\Temp> |



```
1 #include <stdio.h>
2 int main()
3 {
4     int a;
5     printf("enter any value");
6     scanf("%d",&a);
7     if(a==0)
8     {
9         printf("\n%d is 0");
10    }
11    else if(a<0)
12    {
13        printf("\n%d is negative",a);
14    }
15    else if(a>0)
16    {
17        printf("\n%d is positive",a);
18    }
19    return 0;
20 }
```

Code + ...

```
7 is positive
PS C:\Users\lakshmanan\AppData\Local\Temp>
```

C #include <stdio.h> Untitled-1 • C #include <stdio.h> Untitled-2 • C #include <stdio.h> Untitled-3 • C #include <stdio.h> Untitled-4 •



```
1 #include <stdio.h>
2 #include <string.h>
3 int main()
4 {
5     char str[100];
6     int count=0,i;
7     printf("enter a string");
8     fgets(str,sizeof(str),stdin);
9     for(i=0;i<strlen(str);i++)
10    {
11        if(str[i]=='a' || str[i]=='e' || str[i]=='i' || str[i]=='o' || str[i]=='u' || str[i]=='A' || str[i]=='E' || str[i]=='I' ||
12        str[i]=='O' || str[i]=='U')
13        {
14            count++;
15        }
16    }
17    printf("\nno.of vowels in the given string:%d",count);
18    return 0;
19 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + - [] [x] ... x

PS C:\Users\lakshmanan> cd "C:\Users\LAKSHM~1\AppData\Local\Temp"

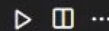
PS C:\Users\lakshmanan\AppData\Local\Temp> cd "C:\Users\LAKSHM~1\AppData\Local\Temp\" ; if (\$?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if (\$?) { .\tempCodeRunnerFile }

enter a stringhello world

no.of vowels in the given string:3

PS C:\Users\lakshmanan\AppData\Local\Temp> █

C #include <stdio.h> Untitled-1 • C #include <stdio.h> Untitled-2 • C #include <stdio.h> Untitled-3 •



```
1 #include <stdio.h>
2 int main()
3 {
4     char ch;
5     printf("enter the proper letter");
6     scanf("%c",&ch);
7     if((ch>='a' && ch<='z')||(ch>='A' && ch<='Z'))
8     {
9         printf("\n%c is an alphabet",ch);
10    }
11    else
12    {
13        printf("\n%d is not an alphabet",ch);
14    }
15    return 0;
16 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + - [] [X] ... X

```
> cd "C:\Users\LAKSHM~1\AppData\Local\Temp\" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }
```

enter the proper lettera

a is an alphabet

PS C:\Users\lakshmanan\AppData\Local\Temp> |

C #include <stdio.h> Untitled-1 • C #include <stdio.h> Untitled-2 • C #include <stdio.h> Untitled-3 • C #include <stdio.h> Untitled-4 • C #include <stdio.h> Untitled-5 •

```
1 #include <stdio.h>
2 int main()
3 {
4     char ch;
5     printf("enter any letter");
6     scanf("%c",&ch);
7     if(ch>='A' && ch<='Z')
8     {
9         printf("\n%c is an uppercase letter",ch);
10    }
11    else if(ch>='a' && ch<='z')
12    {
13        printf("\n%c is lowercase letter",ch);
14    }
15    else
16    {
17        printf("%d is invalid",ch);
18    }
19    return 0;
20 }
```

Code + ▾ □ ✕ ... ✕

```
PS C:\Users\lakshmanan> cd "C:\Users\LAkSHM~1\AppData\Local\Temp"
PS C:\Users\lakshmanan\AppData\Local\Temp> cd "C:\Users\LAkSHM~1\AppData\Local\Temp\" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }
enter any lettera

a is lowercase letter
PS C:\Users\lakshmanan\AppData\Local\Temp> □
```

C #include <stdio.h> Untitled-1 • C #include <stdio.h> Untitled-2 • C #include <stdio.h> Untitled-3 • C #include <stdio.h> Untitled-4 • C #include <stdio.h> Untitled-5 • C #include <stdio.h> Untitled-6 •

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int a[8]={500,100,50,20,10,5,2,1},m,i;
6     printf("Enter the amount:");
7     scanf("%d",&m);
8     for(i=0;i<8;i++)
9     {
10         printf("\n%d notes is:%d",a[i],m/a[i]);
11         m%=a[i];
12     }
13 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + - [] [X] ... X

```
> cd "C:\Users\LAKSHM~1\AppData\Local\Temp\" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }
```

Enter the amount:575

```
500 notes is:1
100 notes is:0
50 notes is:1
20 notes is:1
10 notes is:0
5 notes is:1
2 notes is:0
1 notes is:0
```

PS C:\Users\lakshmanan\AppData\Local\Temp> |


```
1 #include <stdio.h>
2 int main()
3 {
4     int n,count=0; // variable declaration
5     printf("Enter a number");
6     scanf("%d",&n);
7     while(n!=0)
8     {
9         n=n/10;
10        count++;
11    }
12
13    printf("\nThe number of digits in an integer is : %d",count);
14    return 0;
15 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + - [] [x] ... x

```
> cd "C:\Users\LAKSHM~1\AppData\Local\Temp\" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }
```

Enter a number123

The number of digits in an integer is : 3

PS C:\Users\lakshmanan\AppData\Local\Temp> |

C #include <stdio.h> Untitled-2 • C #include <stdio.h> Untitled-3 • C #include <stdio.h> Untitled-4 • C #include <stdio.h> Untitled-5 • C #include <stdio.h> Untitled-6 • C #include <stdio.h> Untitled-7 • C sum_of_digits.c

C reversing_the_number.c × ▢ ...

C: > Users \lakshmanan > programming in c > C reversing_the_number.c

```
1 //reverse a number
2 #include <stdio.h>
3 int main()
4 {
5     int a,b,c,d,e,f,g,h,i,result;
6     printf("enter the number");
7     scanf("%d",&a);
8     b=a/10;//1234
9     c=a%10;//5
10    d=b/10;//123
11    e=b%10;//4
12    f=d/10;//12
13    g=d%10;//3
14    h=f/10;//1
15    i=f%10;//2
16    result=(c*10000)+(e*1000)+(g*100)+(i*10)+(h*1);
17    printf("\nBefore Reversing=%d",a);
18    printf("\nAfter Reversing=%d",result);
19    return 0;
20 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + ▾ ▢ 🗑 ... ×

PS C:\Users\lakshmanan\programming in c> cd "c:\Users\lakshmanan\programming in c\" ; if (\$?) { gcc reversing_the_number.c -o reversing_the_number } ; if (\$?) { .\reversing_the_number }
enter the number12345

Before Reversing=12345

After Reversing=54321

PS C:\Users\lakshmanan\programming in c> █

<stdio.h> Untitled-4 • C #include <stdio.h> Untitled-5 • C #include <stdio.h> Untitled-6 • C #include <stdio.h> Untitled-7 • C sum_of_digits.c C reversing_the_number.c C #include<stdlib.h> Untitled-8 • ▶ □ ...

```
1  #include<stdlib.h>
2  int main(){
3  int a[10],n,i;
4  system ("cls");
5  printf("Enter the number to convert: ");
6  scanf("%d",&n);
7  for(i=0;n>0;i++)
8  {
9  a[i]=n%2;
10 n=n/2;
11 }
12 printf("\nBinary of Given Number is=");
13 for(i=i-1;i>=0;i--)
14 {
15 printf("%d",a[i]);
16 }
17 return 0;
18 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + ▾ □ □ ... ×

Enter the number to convert: 12

Binary of Given Number is=1100

PS C:\Users\lakshmanan\AppData\Local\Temp> █

h> Untitled-2 • C #include <stdio.h> Untitled-3 • C #include <stdio.h> Untitled-4 • C #include <stdio.h> Untitled-5 • C #include <stdio.h> Untitled-6 • C #include <stdio.h> Untitled-7 • C sum_of_digits.c x ▢ ...

C: > Users > lakshmanan > programming in c > C sum_of_digits.c

```
1 #include <stdio.h>
2 int main()
3 {
4     int a,b,c,d,e,f,g,h,i,sum;
5     printf("\n enter the number");
6     scanf("%d",&a);
7     b=a/10;//1234
8     c=a%10;//5
9     d=b/10;//123
10    e=b%10;//4
11    f=d/10;//12
12    g=d%10;//3
13    h=f/10;//1
14    i=f%10;//2
15    sum=h+i+g+e+c;
16    printf("\nthe sum of digits=%d",sum);
17    return 0;
18 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + ▾ ▢ 🗑 ... ✕

```
> cd "c:\Users\lakshmanan\programming in c\" ; if ($?) { gcc sum_of_digits.c -o sum_of_digits } ; if ($?) { .\sum_of_digits }
```

enter the number1234

the sum of digits=10

PS C:\Users\lakshmanan\programming in c> |