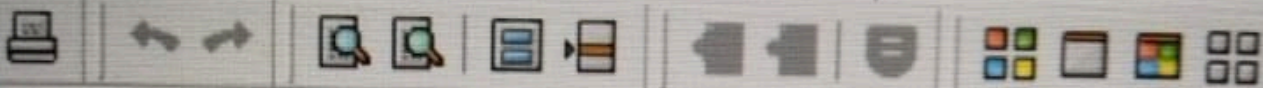


to check odd or even.cpp - Dev-C++ 5.11

Project Execute Tools AStyle Window Help



fadinacci series.cpp swapping of two numbers.cpp to check odd or ev

```
1  #include<stdio.h>
2  int main()
3  {
4      int num;
5      printf("Enter an integer number:");
6      scanf("%d",&num);
7      if(num%2==0)
8          printf("%d is an even number.",num);
9      else
10         printf("%d is an odd number.",num);
11         return 0;
12 }
```

OneDrive\to find armstrong or not.cpp - Dev-C++ 5.11

View Project Execute Tools AStyle Window Help



globals)

Debug fadinacci series.cpp swapping of two numbers.cpp to check odd or even.cpp to find an

```
1  #include<stdio.h>
2  int main()
3  {
4      int num,originalnum,remainder,result=0;
5      printf("Enter a three digit integer:");
6      scanf("%d",&num);
7      while (originalnum !=0)
8      {
9          remainder=originalnum %10;
10         result=remainder*remainder*remainder;
11         originalnum/=10;
12     }
13     if(result==num)
14         printf("%d is an armstrong number.",num);
15     else
16         printf("%d is not an armstrong number.",num);
17     return 0;
18 }
```

Resources Compile Log Debug Find Results

Line: 1 Sel: 0 Lines: 18 Length: 395

Insert

Done parsing in 0 sec



Search



### Questions

CEQ20.

Find the factorial of n?

Sample Input:

N = 4

Sample Output:

4 Factorial = 24

### Test Cases

1. N = 0
2. N = -5
3. N = 1
4. N = Q
5. N = 3A

C

Run

Save

Logout

```
1. #include<stdio.h>
int main()
{
    int n,i,fact=1;
    printf("enter a interger:");
    scanf("%d",&n);
    if (n<0)
        printf("error!given interger is a negative number");
    else
        for(i=1;i<=n;i++)
            fact*=i;
        {
            printf("functional of %d=%llu",n,fact);
        }
    return 0;
}
```

5

enter a interger:functional of 5=120



Questions  
CEQ19

Find the Mean, Median, Mode of the array of numbers?

Sample Input::

Array of elements = {16, 18, 27, 16, 23, 21, 19}

Sample Output:

Mean = 20

Median = 19

Mode = 16

Test Cases

1. Array of elements = {26, 28, 37, 26, 33, 31, 29}
2. Array of elements = {1.6, 1.8, 2.7, 1.6, 2.3, 2.1, .19}
3. Array of elements = {0, 160, 180, 270, 160, 230, 210, 190, 0}
4. Array of elements = {200, 180, 180, 270, 160, 270, 270, 190, 20}
5. Array of elements = {100, 100, 100, 100, 100, 100, 100, 100, 100}

```
1. #include<stdio.h>
int main()
{
    int a[25],n,i;
    float mean=0.0,sum=0.0;
    printf("enter a number of terms:");
    scanf("%d",&n);
    printf("\n enter the number:\n");
    for(i=1;i<=n;i++)
    {
        scanf("%d",&a[i]);
    }
    for(i=1;i<=n;i++)
    {
        scanf("%d",&a[i]);
    }
    printf("\n mean of the entered numbers are:%f",mean);
    return 0;
}
```

4  
1234

enter a number of terms:  
enter the number:

mean of the entered numbers

### Questions

CEQ23.

Find the number of factors for the given number

Sample Input:

Given number: 100

Sample Output:

Number of factors = 9

### Test Cases

1. 343
2. 1080
3. -243
4. 101010
5. 0

```
1. #include<stdio.h>
int main()
{
    int num,i;
    printf("enter a positive interger:");
    scanf("%d",&num);
    printf("factos of %d are:",num);
    for(i=1;i<=num;i++)
    {
        if(num%i==0)
        {
            printf("%d",i);
        }
    }
    return 0;
}
```

Your Input Goes Here...!!!

Your OUTPUT Goes Here...!!!



YAMADALAKU NAVEEN  
192211533

is Here...!!!

172.18.50.116/php\_c/home.php

### Questions

CEQ22.

Find the year of the given date is leap year or not

Sample Input:  
Enter Date: 04/11/1947

Sample Output:  
Given year is Non Leap Year

### Test Cases

- 04/11/1947
- 11/15/1936
- 31/45/1996
- 64/09/1947
- 00/00/2000

C Run Save Logout

```
1. #include<stdio.h>
int main()
{
    int year;
    printf("enter a date:");
    scanf("%d",&year);
    if(year%400==0)
    {
        printf("%d is a leap year.",year);
    }
    else
    if(year%100==0)
    {
        printf("%d is not a leap year.",year);
    }
    else
    if(year%4==0)
    {
        printf("%d is a leap year.",year);
    }
}
```

5

enter a date:0 is a leap year.



## Questions

CEQ25.

Write a program to print the number of vowels in the given statement?

Sample Input:

Saveetha School of Engineering

Sample Output:

Number o vowels = 12

## Test Cases

1. India is my country
2. All are my brothers and sisters
3. Why dry sky
4. Shy Try Cry
5. EDUCATION

C

Run

Save

```
1. #include<stdio.h>
int main()
{
    char str[100];
    int i,count=0;
    scanf("%d",str);
    for(i=0;str[i]!='\0';i++)
    {
        if(str[i]=='a' || str[i]=='e' || str[i]=='i' || str[i]=='o' || str[i]=='u' ||)
        {
            count++;
        }
    }
    printf("vowel count =%d\n",count);
    return 0;
}
```

Your Input Goes Here....!!!



Questions  
CEQ21

Test Cases

Write a program to print the following pattern

Sample Input:

Enter the Character to be printed: %

Max Number of time printed: 3

%

% %

% % %

```
1. #include<stdio.h>
int main()
{
    int i,n,j;
    char ch;
    printf("enter the character to be printed:");
    scanf("%d",&ch);
    printf("max number of time periods:");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        for(i=1;i<=n;j++)
        {
            printf("%d",ch);
        }
        printf("\n");
    }
    return 0;
}
```

Your Input Goes Here...!!!

```
<pre>C:/CCPPComp/CCPP51/bin/./lib/g
cc/x86_64-w64-
mingw32/10.3.0/./././x86_64-w64-
```



Write a program to print consonants and vowels separately in the given word.

Sample Input:  
Given Word: Engineering

Sample Output:  
Consonants: n g n r n g  
Vowels: e i e ei

1. TRY
2. MEDIAN
3. ONE
4. KNOWLEDGE
5. EDUCATION

```
1. #include<stdio.h>
int main()
{
    char word[100];
    printf("enter a word:");
    scanf("%d",word);
    printf("vowles:");
    for(int i=0; word[i] !='\0';i++)
    {
        char c = tolower(word[i]);
        if(c=='a',c=='e',c=='j')
        printf("%d",word[i]);
    }
    printf("\n constants:");
    for(int i=0;word[i] !='\0';i++)
    {
        char c== tolower(word[i]);
        if(c>='a'&&c!='a')
        printf("%c",word[i]);
    }
}
```

Your Input Goes Here....!!!

```
<pre>ExecutionFolder/192211367.c: In
function 'main':
ExecutionFolder/192211367.c:10:10:
warning: implicit declaration of
```



Write a program to print hollow square symbol pattern?  
Get the symbol from user.

Sample Input: #

Output:

```
# # # # #  
#       #  
#       #  
# # # # #
```

```
%  
&  
*  
(  
@
```

Logout

```
1. #include<stdio.h>  
int main()  
{  
    int i,j,n;  
    printf("enter a number of rows to print hollow square:");  
    scanf("%d",&n);  
    for(i=1;i<=n;i++)  
    {  
        for(j=1;j<=n;j++)  
        {  
            if(i==j,i==n,j==n)  
            {  
                printf("*");  
            }  
            else  
            {  
                printf(" ");  
            }  
        }  
        printf("\n");  
    }
```

20

I

enter a number of rows to print hollow  
square:\*