

enter the value of x :

-

```
#include<stdio.h>
#include<conio.h>
#include<math.h>
void main()
{
    int a,b,c;
    float s,d,area;
    clrscr();
    printf("enter three sides :");
    scanf("%d%d%d",&a,&b,&c);
    s=(a+b+c)/2;
    d=(s*(s-a)*(s-b)*(s-c));
    area=sqrt(d);
    printf("area of triangle =%f sq units \n",area);
    getch();
}
```

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a,b,c,d=0,e;
    clrscr();
    printf("enter the number :");
    scanf("%d",&a);
    e=a;
    while(a>0)
    {
        b=a%10;
        c=b*b*b;
        a=a/10;
        d=c+d;
    }
    if(e==d)
        printf("%d is an armstrong number.",e);
    else
        printf("%d is not an armstrong number.",e);
    getch();
}
```

enter the number :153

153 is an armstrong number.

```
#include<stdio.h>
#include<conio.h>
int cube(int);
void main()
{
    int x,n;
    clrscr();
    printf("Enter the nth element :");
    scanf("%d", &n);
    for(x=1;x<=n;x++)
        printf("%d  ",cube(x));
    printf("\n");
    getch();
}
int cube(int y)
{
    return y*y*y;
}
```



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main.c

```
1- /**
2-  * C program to convert temperature from degree celsius to fahrenheit
3-  */
4-
5- #include <stdio.h>
6-
7- int main()
8- {
9-     float celsius, fahrenheit;
10-
11-     /* Input temperature in celsius */
12-     printf("Enter temperature in Celsius: ");
13-     scanf("%f", &celsius);
14-
15-     /* celsius to fahrenheit conversion formula */
16-     fahrenheit = (celsius * 9 / 5) + 32;
17-
18-     printf("%.2f Celsius = %.2f Fahrenheit", celsius, fahrenheit);
19-
20-     return 0;
21- }
```

Run

Output

Clear

```
/tmp/TVYexsbyzr.o
Enter temperature in Celsius: 42
42.00 Celsius = 107.60 Fahrenheit
```

Waiting for pagead2.googlesyndication.com...

```
C:\TURBOC3\BIN>TC
```

```
enter the celsius values...32
```

```
/n fahrenheit value of the given 89.599998
```

C:\TURBOC3\BIN>TC

Enter two integers: 12

11

12 + 11 = 23Enter two integers:

Enter three sides :123

123

123

Area of triangle = 6462.546387 sq unit /n_

Enter the number :153

153 is not an armstrong number._

Enter the string to check palindrome or not.

Enter a string :madam

Enter the string to check palindrome or not.

Enter a string :madam

The given string madam is a palindrome.

—

```
#include<stdio.h>
#include<conio.h>
#include<string.h>
enum boolean {false,true};
enum Boolean ispalindrome(char string[])
{
    int left,right,len=strlen(string);
    enum Boolean matched = true;
    if(len==0)
        return true;
    left = 0;
    right = len - 1;
    while(left < right && matched)
    {
        if(string[left] != string[right] )
            matched = false;
        else
        {
            left++;
            right--;
        }
    }
}
```

Enter the number :1234
Reverse of 1234 is 4321

—

Enter the nth element :8

1 8 27 64 125 216 343 512

-

```
else
{
    left++;
    right--;
}
}
return matched;
}
void main()
{
    char string[40];
    clrscr();
    printf("Enter the string to check palindrome or not.\n");
    printf("Enter a string :");
    scanf("%s",string);
    if(ispalindrome(string))
    printf("The given string %s is a palindrome.\n",string);
    else
    printf("The given %s is not a palindrome.\n",string);
    getch();
}
```