

20 C Programming Codes
Converted to C# Code
By [Manoj Karnatapu](#) - NB Technologies

Project 1

Write a C# Code to Print Multiplication Table for a given number

Code

```
using System;

// Multiplication Tabel By ©Manoj-Karnatapu(aka MK/MKN)

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int input, i;
            Console.WriteLine("\nCode Dev by manoj karnatapu\n\n\t\t **** Multiplication Table By MK©**** \n\n Which Number of Multiplication Table, You Want me To Print : ");

            //Reading Inputs Section
            input = Convert.ToInt32(Console.ReadLine());

            //Program Logic Section
            Console.WriteLine("\n::: Displaying Using String Concatination Method by ©MKN :::\n");
            for (i = 1; i <= 10; i++)
            {
                //Printing Output using String Concatination
                Console.WriteLine(input + "x" + i + "=" + input * i);
            }

            Console.WriteLine("\n::: Displaying Using String Formatting Method by ©MKN :::\n");
            for (i = 1; i <= 10; i++)
            {
                //Printing OutPut using String Formatting
                Console.WriteLine("{0} x {1} = {2}", input, i, input * i);
            }

            Console.WriteLine("\nMultiplication Table By Manoj-Karnatapu©");

            Console.ReadLine();
        }
    }
}
```

Output

```

C:\WINDOWS\system32\cmd.exe
Code Dev by manoj karnatapu

**** Multiplication Table By MK@****

Which Number of Multiplication Table, You Want me To Print :
9

::: Displaying Using String Concatination Method by @MKN :::

9x1=9
9x2=18
9x3=27
9x4=36
9x5=45
9x6=54
9x7=63
9x8=72
9x9=81
9x10=90

::: Displaying Using String Formating Method by @MKN :::

9 x 1 = 9
9 x 2 = 18
9 x 3 = 27
9 x 4 = 36
9 x 5 = 45
9 x 6 = 54
9 x 7 = 63
9 x 8 = 72
9 x 9 = 81
9 x 10 = 90

Multiplication Table By Manoj-Karnatapu@
Press any key to continue . . .

```

Project 2

Write a C# Code to Print Factorial of a given number

Code

```

using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a number and print its factorial

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int input, i, fact = 1;

            Console.WriteLine("\n_____**** Welcome To Find a Factorial of a Number ****_:");
            //Reading Inputs Section
            Console.Write("\nEnter any Number, To find its Factorial : ");
            input = Convert.ToInt32(Console.ReadLine());

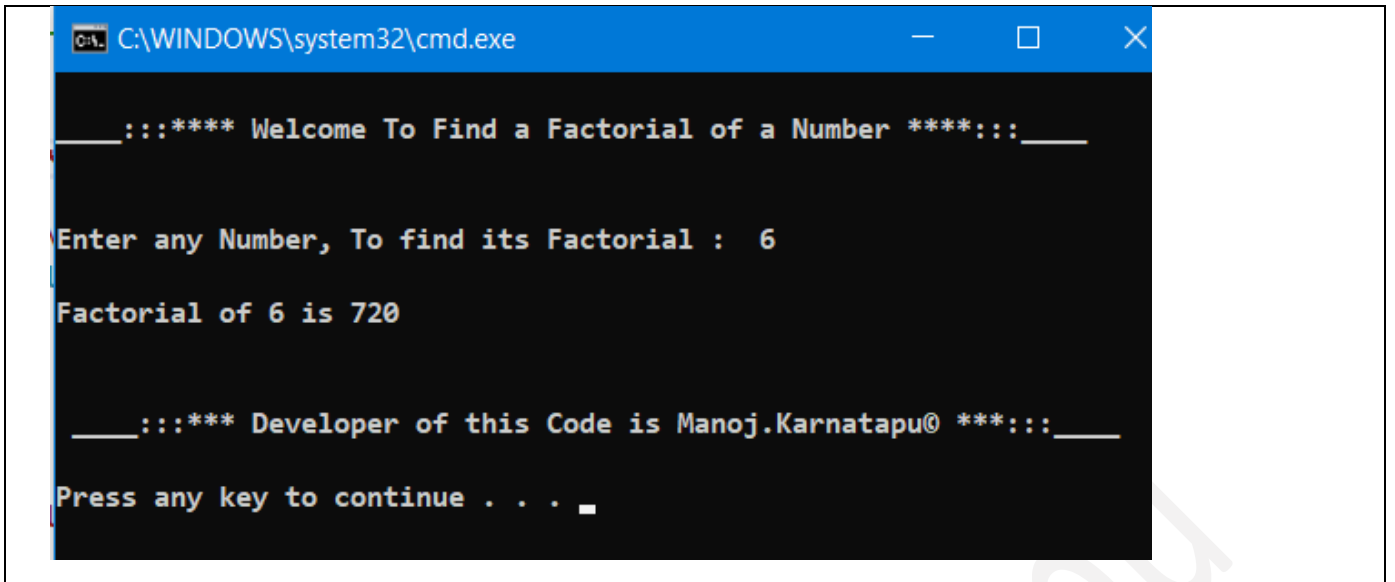
            //Program Logic Section
            for (i = 1; i <= input; i++)
                fact = fact * i;

            Console.WriteLine("\nFactorial of {0} is {1}",input, fact);

            Console.WriteLine("\n_____**** Developer of this Code is Manoj.Karnatapu© ****_:");
            Console.ReadLine();
        }
    }
}

```

Output



A screenshot of a Windows command prompt window titled "C:\WINDOWS\system32\cmd.exe". The window has a blue title bar with standard minimize, maximize, and close buttons. The command prompt itself has a black background with white text. The text displayed is as follows:

```
____::*** Welcome To Find a Factorial of a Number ***::____  
  
Enter any Number, To find its Factorial : 6  
  
Factorial of 6 is 720  
  
____::*** Developer of this Code is Manoj.Karnatapu@ ***::____  
  
Press any key to continue . . . █
```

A large, light gray watermark "Manoj.Karnatapu" is oriented diagonally across the lower half of the page.

Project 3

Write a C# Code to Print Sum of N Natural Numbers

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a number and print sum of n natural numbers upto n.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int input, i, sum = 0;

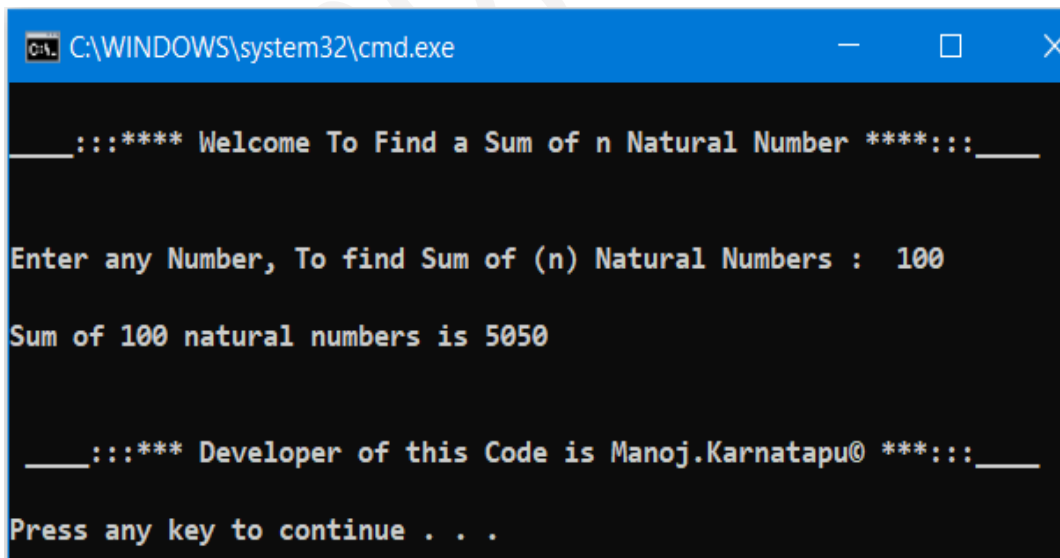
            Console.WriteLine("\n____:**** Welcome To Find a Sum of n Natural Number ****:____");
            //Reading Inputs Section
            Console.Write("\n\nEnter any Number, To find Sum of (n) Natural Numbers : ");
            input = Convert.ToInt32(Console.ReadLine());

            //Program Logic Section
            for (i = 1; i <= input; i++)
                sum = sum + i;

            Console.WriteLine("\nSum of {0} natural numbers is {1}",input, sum);

            Console.WriteLine("\n\n ____:*** Developer of this Code is Manoj.Karnatapu© ***:____");
            Console.ReadLine();
        }
    }
}
```

Output



```
C:\WINDOWS\system32\cmd.exe

____:**** Welcome To Find a Sum of n Natural Number ****:____

Enter any Number, To find Sum of (n) Natural Numbers : 100

Sum of 100 natural numbers is 5050

____:*** Developer of this Code is Manoj.Karnatapu© ***:____

Press any key to continue . . .
```

Project 4

Write a C# Code to Print Factorial using Functions

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a number and print its Factorial Using Functions.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        public static void PrintOutput(int n)
        {
            Console.WriteLine("\nFactorial of {0} is {1}", n, Factorial(n));
        }
        public static int Factorial(int input)
        {
            int fact = 1, i;
            for (i = 1; i <= input; i++)
                fact = fact * i;
            return fact;
        }
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int input;

            Console.WriteLine("\n_____**** Welcome To Find Factorial Using Functions ****_____");
            //Reading Inputs Section
            Console.Write("\n\nEnter any Number, To find It's Factorial : ");
            input = Convert.ToInt32(Console.ReadLine());

            //Program Logic Section

            PrintOutput(input);

            Console.WriteLine("\n\n_____**** Developer of this Code is Manoj.Karnatapu© ****_____");
            Console.ReadLine();
        }
    }
}
```

Output

```
C:\WINDOWS\system32\cmd.exe

____::*** Welcome To Find Factorial Using Functions ***::____

Enter any Number, To find It's Factorial : 5

Factorial of 5 is 120

____::*** Developer of this Code is Manoj.Karnatapu@ ***::____

Press any key to continue . . . _
```

Project 5

Write a C# Code to Print Factorial using Recursion

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a number and print its Factorial Using Recursion.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        public static void PrintOutput(int n)
        {
            Console.WriteLine("\nFactorial of {0} is {1}", n, Factorial(n));
        }
        public static int Factorial(int input)
        {
            if (input == 0)
                return 1;
            else
                return input * Factorial(input - 1);
        }
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int input;

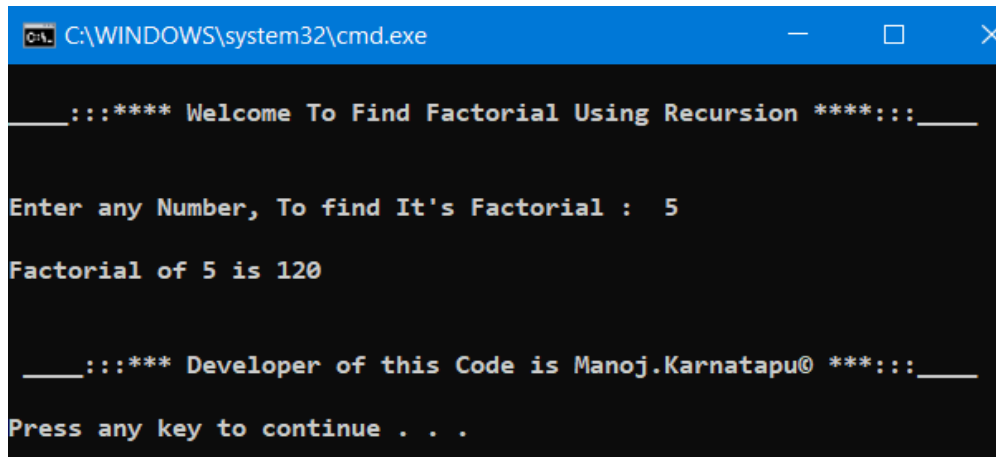
            Console.WriteLine("\n____::*** Welcome To Find Factorial Using Recursion ***::____");
            //Reading Inputs Section
            Console.WriteLine("\nEnter any Number, To find It's Factorial : ");
            input = Convert.ToInt32(Console.ReadLine());

            //Program Logic Section

            PrintOutput(input);

            Console.WriteLine("\n\n ____::*** Developer of this Code is Manoj.Karnatapu© ***::____");
            Console.ReadLine();
        }
    }
}
```

Output



A screenshot of a Windows command prompt window titled "C:\WINDOWS\system32\cmd.exe". The window has a blue title bar with standard minimize, maximize, and close buttons. The command prompt displays the following text:

```
____:*** Welcome To Find Factorial Using Recursion ***:____  
  
Enter any Number, To find It's Factorial : 5  
Factorial of 5 is 120  
  
____:*** Developer of this Code is Manoj.Karnatapu® ***:____  
Press any key to continue . . .
```

A large, light gray watermark "Manoj Karnatapu" is diagonally across the page.

Project 6

Write a C# Code to Print Factors of a given number

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a number from user and print factors of a given number.

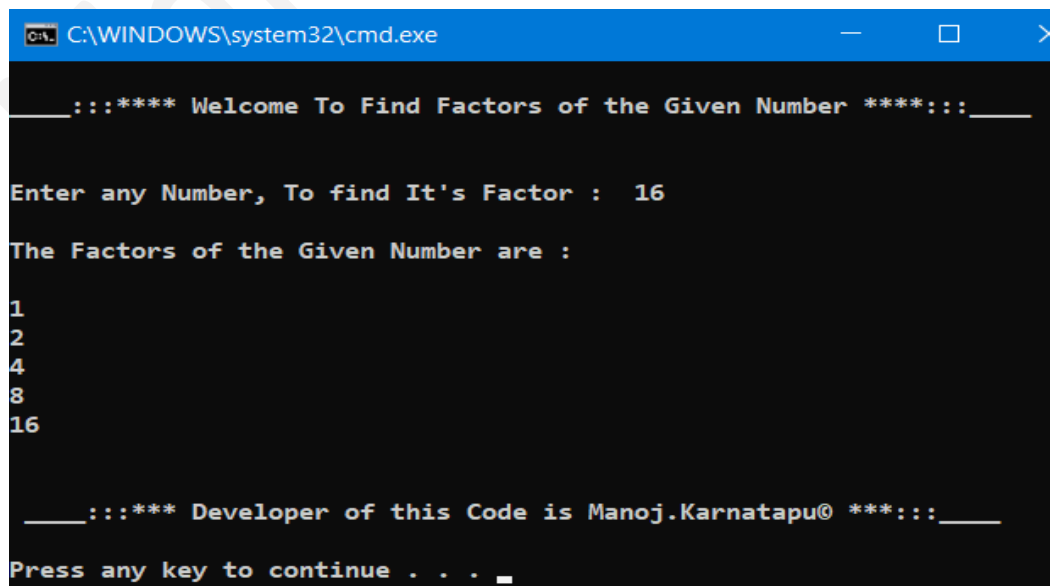
namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int input, i;

            Console.WriteLine("\n____:**** Welcome To Find Factors of the Given Number ****:____");
            //Reading Inputs Section
            Console.Write("\n\nEnter any Number, To find It's Factor : ");
            input = Convert.ToInt32(Console.ReadLine());

            Console.WriteLine("\nThe Factors of the Given Number are :\n");
            //Program Logic Section
            for (i = 1; i <= input; i++)
            {
                if (input % i == 0)
                    Console.WriteLine(i);
            }

            Console.WriteLine("\n\n ____:*** Developer of this Code is Manoj.Karnatapu© ***:____");
            Console.ReadLine();
        }
    }
}
```

Output



```
C:\WINDOWS\system32\cmd.exe

____:**** Welcome To Find Factors of the Given Number ****:____

Enter any Number, To find It's Factor : 16

The Factors of the Given Number are :

1
2
4
8
16

 ____:*** Developer of this Code is Manoj.Karnatapu© ***:____

Press any key to continue . . . _
```


Project 7

Write a C# Code to Print POWER of a given number [a power b]

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a , b values and print [a power b] value.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int a, b, result = 1, i;

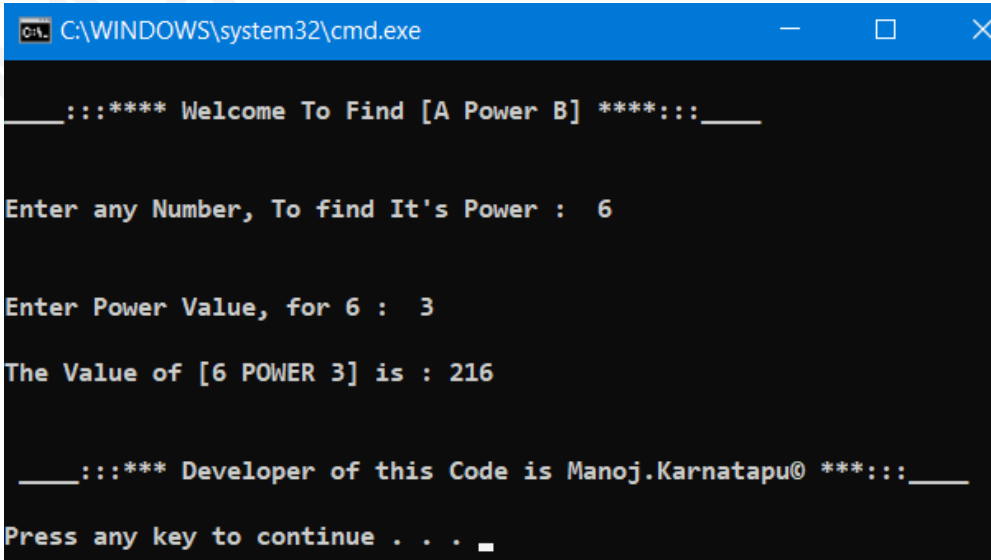
            Console.WriteLine("\n____:*** Welcome To Find [A Power B] ***:____");
            //Reading Inputs Section
            Console.Write("\nEnter any Number, To find It's Power : ");
            a = Convert.ToInt32(Console.ReadLine());
            Console.Write("\nEnter Power Value, for {0} : ", a);
            b = Convert.ToInt32(Console.ReadLine());

            //Program Logic Section
            for (i = 1; i <= b; i++)
                result = result * a;

            Console.WriteLine("\nThe Value of [{0} POWER {1}] is : {2}", a, b, result);

            Console.WriteLine("\n____:*** Developer of this Code is Manoj.Karnatapu© ***:____");
            Console.ReadLine();
        }
    }
}
```

Output



```
C:\WINDOWS\system32\cmd.exe

____:*** Welcome To Find [A Power B] ***:____

Enter any Number, To find It's Power : 6

Enter Power Value, for 6 : 3

The Value of [6 POWER 3] is : 216

____:*** Developer of this Code is Manoj.Karnatapu© ***:____

Press any key to continue . . .
```

Manoj Karnatapu

Project 8

Write a C# Code to Print Given number is Prime Number or Not

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a number and check, if it is a Prime Number or Not

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int input, i;

            Console.WriteLine("\n____:*** Welcome To Prime Number Checking ***:____");
            //Reading Inputs Section
            Console.WriteLine("\nEnter any Number, To find Wether it is a Prime Number or Not : ");
            input = Convert.ToInt32(Console.ReadLine());

            //Program Logic Section
            for (i = 2; i < input; i++)
            {
                if (input % i == 0)
                    break;
            }

            //Printing Output Section
            if (i == input)
                Console.WriteLine("\nYes, {0} is a Prime Number", input);
            else
                Console.WriteLine("\nNo, {0} is Not a Prime Number", input);

            Console.WriteLine("\n\n ____:*** Developer of this Code is Manoj.Karnatapu© ***:____");
            Console.ReadLine();
        }
    }
}
```

Output

```
C:\WINDOWS\system32\cmd.exe

____:*** Welcome To Prime Number Checking ***:____

Enter any Number, To find Wether it is a Prime Number or Not : 7

Yes, 7 is a Prime Number

____:*** Developer of this Code is Manoj.Karnatapu@ ***:____

Press any key to continue . . .
```

Project 9

Write a C# Code to Check given Number is Prime Number Using Functions

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a number and check, if it is a Prime Number or Not using Functions

namespace CtoCSharpPrograms
{
    internal class Program
    {
        public static bool IsPrimeNumber(int input)
        {
            int i;
            for (i = 2; i < input; i++)
            {
                if (input % i == 0)
                    break;
            }

            if (i == input)
                return true;
            else
                return false;
        }

        static void Main(string[] args)
        {
            //Variable Declaration Section
            int input;

            Console.WriteLine("\n____:*** Welcome To Prime Number Checking ***:____");
            //Reading Inputs Section
            Console.Write("\nEnter any Number, To find Wether it is a Prime Number or Not : ");
            input = Convert.ToInt32(Console.ReadLine());

            //Calling Function & Printing Output Section
            if (IsPrimeNumber(input))
                Console.WriteLine("\nYes, {0} is a Prime Number", input);
            else
                Console.WriteLine("\nNo, {0} is Not a Prime Number", input);
        }
    }
}
```

```

        Console.WriteLine("\n\n ____:*** Developer of this Code is Manoj.Karnatapu© ***:____");
        Console.ReadLine();
    }
}
}

```

Output

```

C:\WINDOWS\system32\cmd.exe

____:*** Welcome To Prime Number Checking ***:____

Enter any Number, To find Wether it is a Prime Number or Not : 13

Yes, 13 is a Prime Number

____:*** Developer of this Code is Manoj.Karnatapu© ***:____

Press any key to continue . . . _

```

Project 10

Write a C# Code to Print Prime Numbers in Given Range

Code

```

using System;
// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: Prime Numbers in a given range.
namespace CtoCSharpPrograms
{
    internal class Program
    {
        public static bool IsPrimeNumber(int input)
        {
            int i;
            for (i = 2; i < input; i++)
            {
                if (input % i == 0)
                    break;
            }
            if (i == input)
                return true;
            else
                return false;
        }
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int a, b, i;
            Console.WriteLine("\n____:*** Welcome To Prime Number In A Given Range ***:____");
            //Reading Inputs Section
            Console.Write("\n\nEnter Starting Range, To find Prime Numbers : ");
            a = Convert.ToInt32(Console.ReadLine());
            Console.Write("\n\nEnter Ending Range, To find Prime Numbers : ");
            b = Convert.ToInt32(Console.ReadLine());

            for (i = a; i <= b; i++)
            {
                if (IsPrimeNumber(i))
                    Console.WriteLine(i);
            }
        }
    }
}

```

```

Console.WriteLine("\n\n ____:*** Developer of this Code is Manoj.Karnatapu© ***:____");
Console.ReadLine();
}
}
}
}

```

Output

```

C:\WINDOWS\system32\cmd.exe

____:*** Welcome To Prime Number In A Given Range ***:____

Enter Starting Range, To find Prime Numbers : 1

Enter Ending Range, To find Prime Numbers : 30

2
3
5
7
11
13
17
19
23
29

____:*** Developer of this Code is Manoj.Karnatapu© ***:____
Press any key to continue . . .

```

Project 11

Write a C# Code to Print Fibonacci Series

Code

```

using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a Number (n) & Print n Fibonacci Sequence.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int n, i, a = 0, b = 1, c;

            Console.WriteLine("\n ____:*** Welcome To Find Fibonacci Series ***:____");

            //Reading Inputs Section
            Console.Write("\n\nEnter Number of Terms to be Printed(n>2) : ");
            n = Convert.ToInt32(Console.ReadLine());

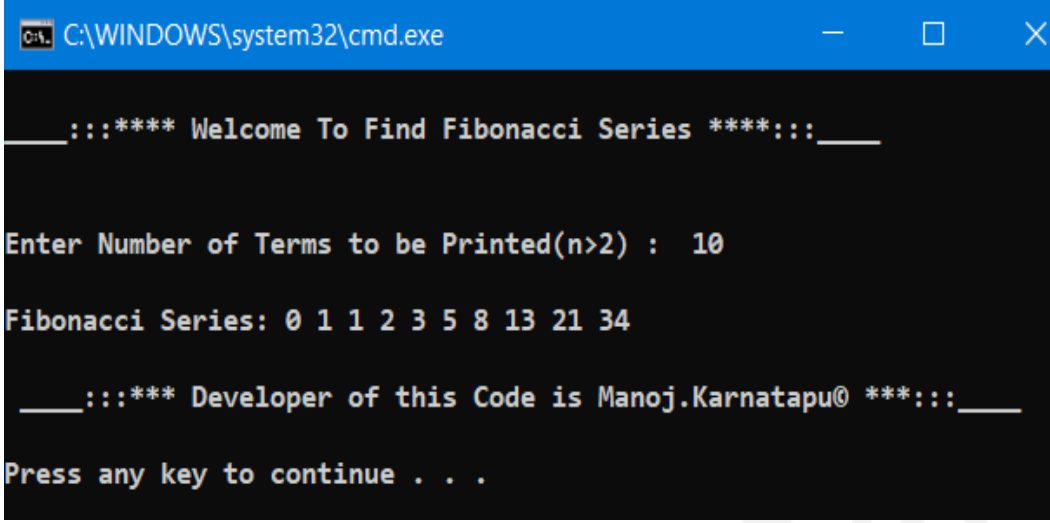
            Console.Write("\nFibonacci Series: 0 1");
            for (i = 1; i <= n-2; i++)
            {
                c = a + b;
                a = b;
                b = c;
                Console.Write(" {0}", c);
            }

            Console.WriteLine("\n\n ____:*** Developer of this Code is Manoj.Karnatapu© ***:____");
            Console.ReadLine();
        }
    }
}

```

```
}  
}  
}
```

Output



```
C:\WINDOWS\system32\cmd.exe  
____:~:*** Welcome To Find Fibonacci Series ***::~____  
  
Enter Number of Terms to be Printed(n>2) : 10  
  
Fibonacci Series: 0 1 1 2 3 5 8 13 21 34  
  
____:~:*** Developer of this Code is Manoj.Karnatapu@ ***::~____  
  
Press any key to continue . . .
```


Project 12

Write a C# Code to Check given number is Armstrong Number

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a Number and Check if it is an ARMSTRONG Number or Not.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int n, rem, m, result = 0;

            Console.WriteLine("\n____:*** Welcome To ARMSTRONG Number Identifier ***:____");

            //Reading Inputs Section
            Console.Write("\n\nEnter any Number To Check, Armstrong Number or Not : ");
            n = Convert.ToInt32(Console.ReadLine());

            //Logic Section
            m = n;
            while (m > 0)
            {
                rem = m % 10;
                m = m / 10;
                result = result + rem * rem * rem;
            }

            //Printing Output Section
            if (result == n)
                Console.WriteLine("\nYes, {0} is an ARMSTRONG Number", n);
            else
                Console.WriteLine("\nNo, {0} is Not an ARMSTRONG Number", n);

            Console.WriteLine("\n\n____:*** Developer of this Code is Manoj.Karnatapu© ***:____");
            Console.ReadLine();
        }
    }
}
```

Output

```
C:\WINDOWS\system32\cmd.exe

___::*** Welcome To ARMSTRONG Number Identifier ***::___

Enter any Number To Check, Armstrong Number or Not : 153

Yes, 153 is an ARMSTRONG Number

___::*** Developer of this Code is Manoj.Karnatapu@ ***::___

Press any key to continue . . .
```

Project 13

Write a C# Code to Check given number is Armstrong Number Using Functions

Code

```
using System;
// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a Number and Check if it is an ARMSTRONG Number or Not Using Function.
namespace CtoCSharpPrograms
{
    internal class Program
    {
        public static bool IsArmstrong(int n)
        {
            int m, result = 0, rem;
            m = n;
            while (m > 0)
            {
                rem = m % 10;
                m = m / 10;
                result = result + rem * rem * rem;
            }
            //Printing Output Section
            if (result == n)
            {
                return true;
            }
            else
            {
                return false;
            }
        }
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int n;
            Console.WriteLine("\n___::*** Welcome To ARMSTRONG Number Identifier ***::___");

            //Reading Inputs Section
            Console.Write("\n\nEnter any Number To Check, Armstrong Number or Not : ");
            n = Convert.ToInt32(Console.ReadLine());
            //Function Calling Section
            if (IsArmstrong(n))
            {
                Console.WriteLine("\nYes, {0} is an ARMSTRONG Number", n);
            }
            else
            {
                Console.WriteLine("\nNo, {0} is Not an ARMSTRONG Number", n);
            }
            Console.WriteLine("\n\n___::*** Developer of this Code is Manoj.Karnatapu© ***::___");
        }
    }
}
```

```

        Console.ReadLine();
    }
}
}

```

Output

```

C:\WINDOWS\system32\cmd.exe

___::*** Welcome To ARMSTRONG Number Identifier ***::___

Enter any Number To Check, Armstrong Number or Not : 143

No, 143 is Not an ARMSTRONG Number

___::*** Developer of this Code is Manoj.Karnatapu@ ***::___

Press any key to continue . . . _

```

Project 14

Write a C# Code to Print Armstrong Numbers in given range

Code

```

using System;
// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: ARMSTRONG Numbers in a given Range.
namespace CtoCSharpPrograms
{
    internal class Program
    {
        public static bool IsArmstrong(int n)
        {
            int m, result = 0, rem;
            m = n;
            while (m > 0)
            {
                rem = m % 10;
                m = m / 10;
                result = result + rem * rem * rem;
            }
            //Printing Output Section
            if (result == n)
                return true;
            else
                return false;
        }
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int a, b, i;
            Console.WriteLine("\n___::*** Welcome To ARMSTRONG Number Identifier ***::___");

            //Reading Inputs Section
            Console.Write("\n\nEnter Starting Range of Numbers To Check, Armstrong Number : ");
            a = Convert.ToInt32(Console.ReadLine());
            Console.Write("\n\nEnter Ending Range of Numbers To Check, Armstrong Number : ");
            b = Convert.ToInt32(Console.ReadLine());

            Console.Write("\n The ArmStrong Numbers in the Given Range {0} to {1} are :",a,b);
            for (i = a; i <= b; i++)
            {
                if (IsArmstrong(i))
                    Console.Write(" {0}",i);
            }
        }
    }
}

```

```

Console.WriteLine("\n\n ____::*** Developer of this Code is Manoj.Karnatapu@ ***:: ____");
Console.ReadLine();
}
}
}

```

Output

```

C:\WINDOWS\system32\cmd.exe

____::*** Welcome To ARMSTRONG Number Identifier ***:: ____

Enter Starting Range of Numbers To Check, Armstrong Number : 1

Enter Ending Range of Numbers To Check, Armstrong Number : 1000

The ArmStrong Numbers in the Given Range 1 to 1000 are : 1 153 370 371 407

____::*** Developer of this Code is Manoj.Karnatapu@ ***:: ____

Press any key to continue . . . _

```

Project 15

Write a C# Code to Print Sum of Digits in a given number

Code

```

using System;

// Author: Manoj-Karnatapu@ (aka MK/MKN)
// Purpose: To Read a number from user and Print Sum of Digits.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int n, m, rem, result = 0;

            Console.WriteLine("\n____::*** Welcome To SUM Of Digits In a Given Number ***:: ____");

            //Reading Inputs Section
            Console.Write("\n\nEnter a Number to Find Its Sum of Digits : ");
            n = Convert.ToInt32(Console.ReadLine());
            //Logic Section
            m = n;
            while (m > 0)
            {
                rem = m % 10;
                m = m / 10;
                result = result + rem;
            }

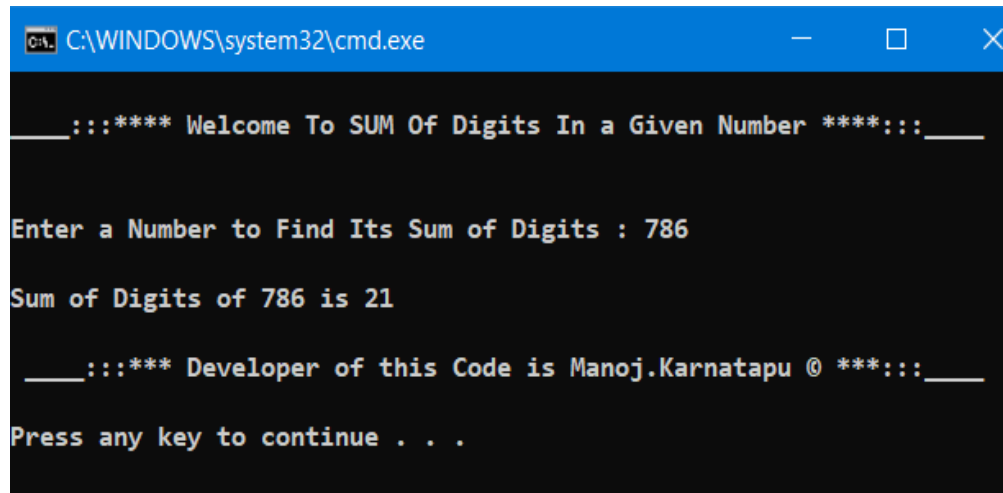
            Console.Write("\nSum of Digits of {0} is {1}", n, result);

```

```
Console.WriteLine("\n\n ____::*** Developer of this Code is Manoj.Karnatapu © ***:: ____");  
Console.ReadLine();
```

```
    }  
    }  
}
```

Output



```
C:\WINDOWS\system32\cmd.exe  
  
____::*** Welcome To SUM Of Digits In a Given Number ***:: ____  
  
Enter a Number to Find Its Sum of Digits : 786  
  
Sum of Digits of 786 is 21  
  
____::*** Developer of this Code is Manoj.Karnatapu © ***:: ____  
  
Press any key to continue . . .
```

Project 16

Write a C# Code to Print Reverse of a Given Number

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read a number from user and Print Reversed format of it.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int n, rev = 0, rem, m;

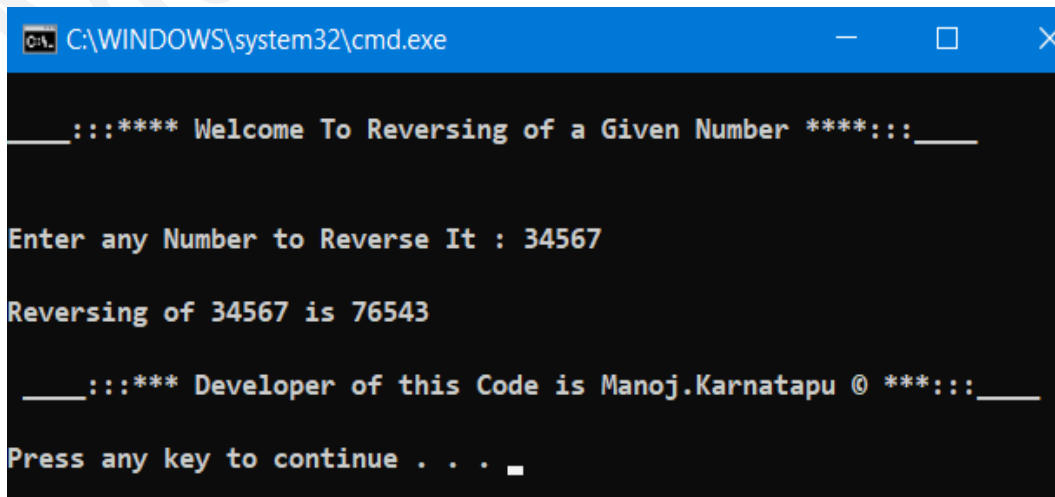
            Console.WriteLine("\n_____:::**** Welcome To Reversing of a Given Number ****:::_____");

            //Reading Inputs Section
            Console.Write("\n\nEnter any Number to Reverse It : ");
            n = Convert.ToInt32(Console.ReadLine());
            //Logic Section
            m = n;
            while (m > 0)
            {
                rem = m % 10;
                m = m / 10;
                rev = rev * 10 + rem;
            }

            Console.Write("\nReversing of {0} is {1}", n, rev);

            Console.WriteLine("\n\n _____:::**** Developer of this Code is Manoj.Karnatapu © ****:::_____");
            Console.ReadLine();
        }
    }
}
```

Output



```
C:\WINDOWS\system32\cmd.exe

_____:::**** Welcome To Reversing of a Given Number ****:::_____

Enter any Number to Reverse It : 34567

Reversing of 34567 is 76543

_____:::**** Developer of this Code is Manoj.Karnatapu © ****:::_____

Press any key to continue . . . _
```

Manoj Karnatapu

Project 17

Write a C# Code to Print given number is Palindrome Number or Not

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Read and Check If it is Palindrome Number or Not.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int n, rev = 0, rem, m;

            Console.WriteLine("\n_____**** Welcome To Plaindrome Numbers ****_____");

            //Reading Inputs Section
            Console.WriteLine("\nEnter any Number to Check, If It is a Palindrome ? : ");
            n = Convert.ToInt32(Console.ReadLine());
            //Logic Section
            m = n;
            while (m > 0)
            {
                rem = m % 10;
                m = m / 10;
                rev = rev * 10 + rem;
            }

            if (n == rev)
                Console.WriteLine("Yes, {0} Is a Palindrome Number", n);
            else
                Console.WriteLine("No, {0} is Not a Palindrome Number", n);

            Console.WriteLine("\n_____**** Developer of this Code is Manoj.Karnatapu © ****_____");
            Console.ReadLine();
        }
    }
}
```

Output


```
C:\WINDOWS\system32\cmd.exe

___::**** Welcome To Plaindrome Numbers ****::___

Enter any Number to Check, If It is a Palindrome ? : 1991
Yes, 1991 Is a Palindrome Number

___::*** Developer of this Code is Manoj.Karnatapu @ ***::___

Press any key to continue . . .
```

Project 18

Write a C# Code to Swap Numbers using Third Variable

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Swap data of Two Variables By Using Third Variable.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int a = 5, b = 8, t;

            Console.WriteLine("\n___::**** Welcome To Swapping Of Two Variables Using Third Variable ****::___");

            Console.WriteLine("\nBefore Swap : ");
            Console.WriteLine("\t a = {0} , b = {1}", a, b);

            //Logic Section
            t = a;
            a = b;
            b = t;

            //Printing Output Section
            Console.WriteLine("\nAfter Swap : ");
            Console.WriteLine("\t a = {0} , b = {1}", a, b);

            Console.WriteLine("\n\n ___::*** Developer of this Code is Manoj.Karnatapu © ***::___");
            Console.ReadLine();
        }
    }
}
```

Output

```
____::*** Welcome To Swapping Of Two Variables Using Third Variable ***::____  
  
Before Swap :  
    a = 5 , b = 8  
  
After Swap :  
    a = 8 , b = 5  
  
____::*** Developer of this Code is Manoj.Karnatapu @ ***::____  
  
Press any key to continue . . . █
```

Project 19

Write a C# Code to Swap Numbers without using Third Variable

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Swap data of Two Variables Without Using Third Variable.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int a = 5, b = 8;

            Console.WriteLine("\n_____::**** Welcome To Swapping Of Two Variables Without Third Variable ****::_____");

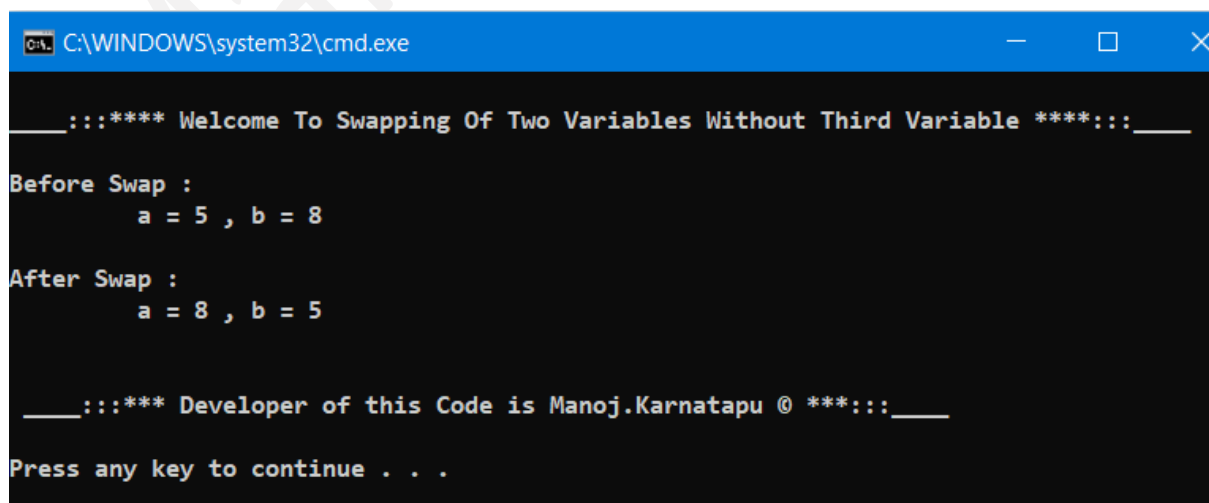
            Console.WriteLine("\nBefore Swap : ");
            Console.WriteLine("\t a = {0} , b = {1}", a, b);

            //Logic Section
            a = a + b;
            b = a - b;
            a = a - b;

            //Printing Output Section
            Console.WriteLine("\nAfter Swap : ");
            Console.WriteLine("\t a = {0} , b = {1}", a, b);

            Console.WriteLine("\n\n _____::*** Developer of this Code is Manoj.Karnatapu © ***::_____");
            Console.ReadLine();
        }
    }
}
```

Output



```
C:\WINDOWS\system32\cmd.exe

_____::**** Welcome To Swapping Of Two Variables Without Third Variable ****::_____

Before Swap :
    a = 5 , b = 8

After Swap :
    a = 8 , b = 5

_____::*** Developer of this Code is Manoj.Karnatapu © ***::_____

Press any key to continue . . .
```

Project 20

Write a C# Code to Print Stars(*) in a - Right Angled Triangle Pattern

Code

```
using System;

// Author: Manoj-Karnatapu© (aka MK/MKN)
// Purpose: To Print Stars (*) in a Right Angled Triangle.

namespace CtoCSharpPrograms
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Variable Declaration Section
            int n, i, j;

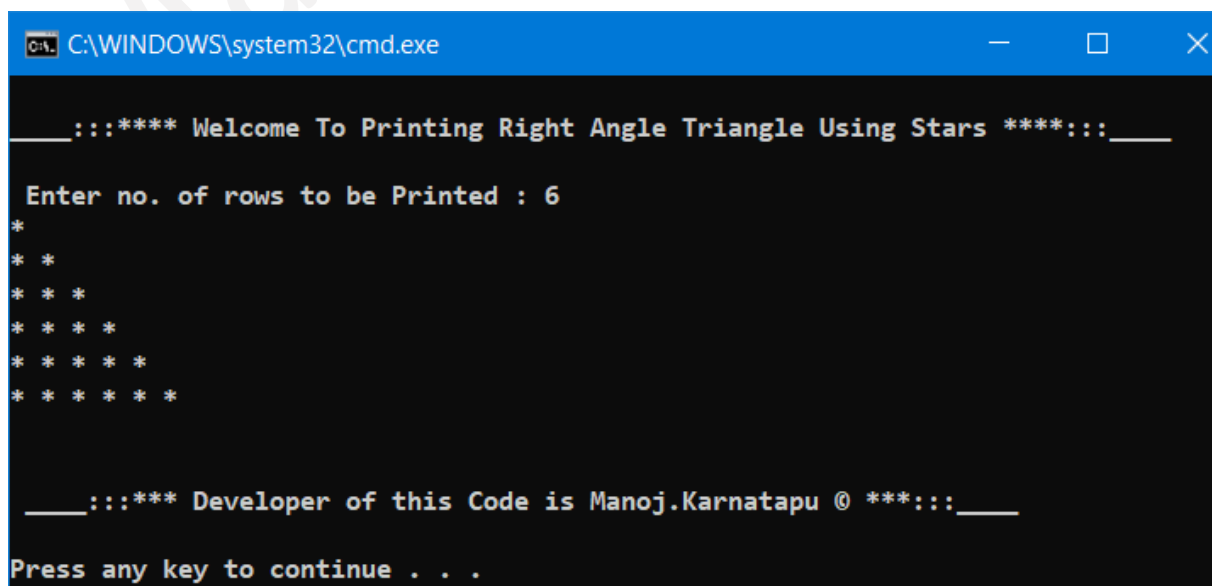
            Console.WriteLine("\n____:**** Welcome To Printing Right Angle Triangle Using Stars ****:____");

            Console.WriteLine("\n Enter no. of rows to be Printed : ");
            n = Convert.ToInt32(Console.ReadLine());

            //Logic Section
            for (i = 1; i <= n; i++)
            {
                for (j = 1; j <= i; j++)
                {
                    Console.Write("* ");
                }
                Console.WriteLine("\n");
            }

            Console.WriteLine("\n\n ____:**** Developer of this Code is Manoj.Karnatapu © ****:____");
            Console.ReadLine();
        }
    }
}
```

Output



```
C:\WINDOWS\system32\cmd.exe

____:**** Welcome To Printing Right Angle Triangle Using Stars ****:____

Enter no. of rows to be Printed : 6
*
* *
* * *
* * * *
* * * * *
* * * * *

____:**** Developer of this Code is Manoj.Karnatapu © ****:____

Press any key to continue . . .
```

Manoj Karnatapu