

C# Main Method

In C# programming the **Main()** method is where program starts execution.

It is the main entry point of program that executes all the objects and invokes method to execute. It is the main place where a program starts the execution and end.

There can be only one Main () method in C#.

It must be inside a **class**, and must be declared with **static** modifier.

Sample Program

```
. using System;
. using System.Collections.Generic;
. using System.Linq;
. using System.Text;
.
. namespace Main_Method
. {
.     class check
.     {
.         float num, percent;
.         public void accept()
.         {
.             Console.Write("\nEnter your marks. (Total Mark = 850):\t");
.             num = float.Parse(Console.ReadLine());
.         }
.         public void print()
.         {
.             percent = (float)num / 850 * 100;
.             if (percent < 35)
.             {
.                 Console.WriteLine("Sorry!!! You are fail. your marks is " + percent);
.             }
.         }
.     }
. }
```

```

        else if (percent > 35 && percent < 50)
        {
            Console.WriteLine("You got grade D and your percentage marks is " + percent);
        }
        else if (percent > 50 && percent < 60)
        {
            Console.WriteLine("You got grade C and your percentage marks is " + percent);
        }
        else if (percent > 60 && percent < 75)
        {
            Console.WriteLine("You got grade B and your percentage marks is " + percent);
        }
        else
        {
            Console.WriteLine("You got grade A and your percentage marks is " + percent);
        }
    }
}

class Program
{
    static void Main(string[] args)
    {
        // Starting execution
        // Creating object of class check
        check chk = new check();
        chk.accept(); //Invoking accept method
        chk.print(); //Invoking print method
        Console.ReadLine();
    }
}

```

```
.    }  
.    }
```

Output

Enter your marks. < Total Mark = 850 >: 435

You got grade C and you percentage marks is 51.17647__

WHY THE MAIN() METHOD IS ALWAYS DECLARED WITH STATIC?

- The Main() method in C# is always declared with static because it can't be called in another method or function.
- The Main() method instantiates other objects and variables but there is no any method there that can instantiate the main method in C#.