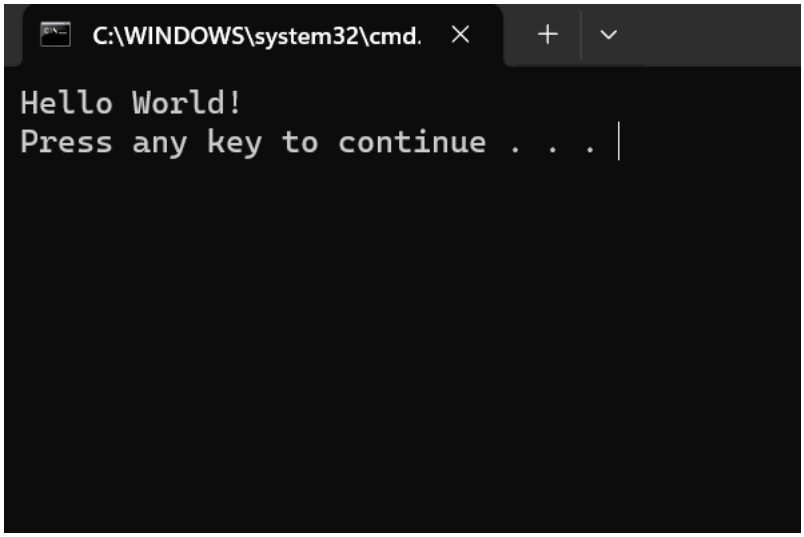
(01)

```
1   using System;
2   using System.Collections.Generic;
3   using System.Linq;
4   using System.Text;
5   using System.Threading.Tasks;
6
7   namespace ConsoleApp13
8   {
        0 references
9       internal class Program
10      {
            0 references
11          static void Main(string[] args)
12          {
13              Console.WriteLine("Hello World!");
14          }
15      }
16  }
17
```

OUTPUT



(02)

```
1   using System;
2   using System.Collections.Generic;
3   using System.Linq;
4   using System.Text;
5   using System.Threading.Tasks;
6
7   namespace ConsoleApp13
8   {
        0 references
9       internal class Program
10      {
            0 references
11          static void Main(string[] args)
12          {
13              //This is a sigle-line comment
14              /*This is a multi-line comment*/
15          }
16      }
17  }
18
```

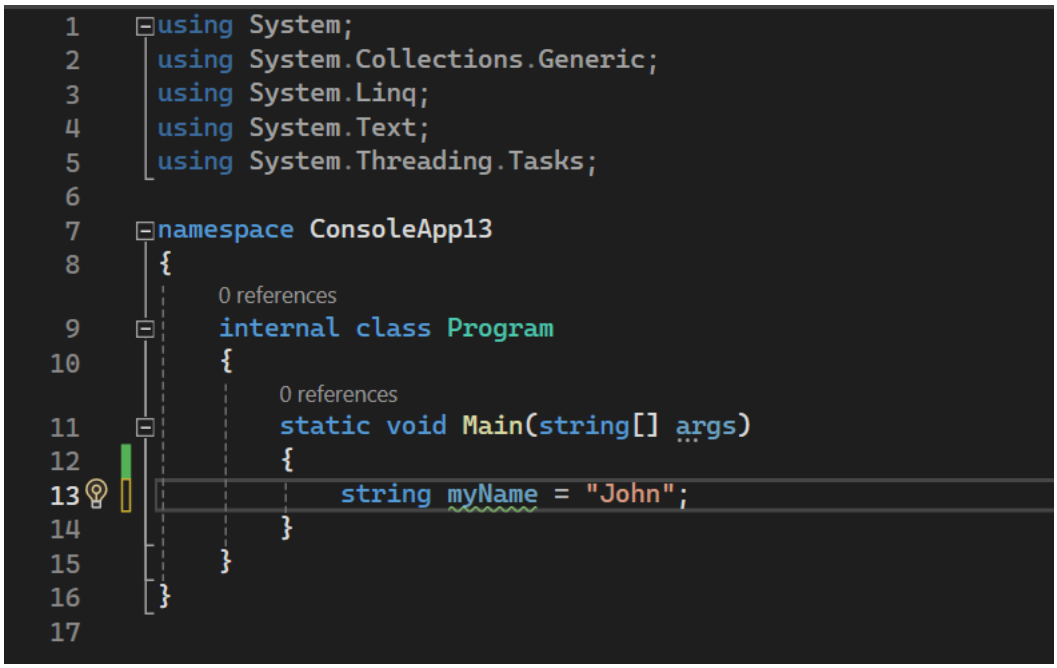
OUTPUT

The comment (// This is a single-line comment and /*This is a multi-line comment*/) are ignored during compilation and has no impact on the program's output.

(03)

```
1   using System;
2   using System.Collections.Generic;
3   using System.Linq;
4   using System.Text;
5   using System.Threading.Tasks;
6
7   namespace ConsoleApp13
8   {
        0 references
9       internal class Program
10      {
            0 references
11          static void Main(string[] args)
12          {
13              int myNum = 50;
14          }
15      }
16  }
17
```

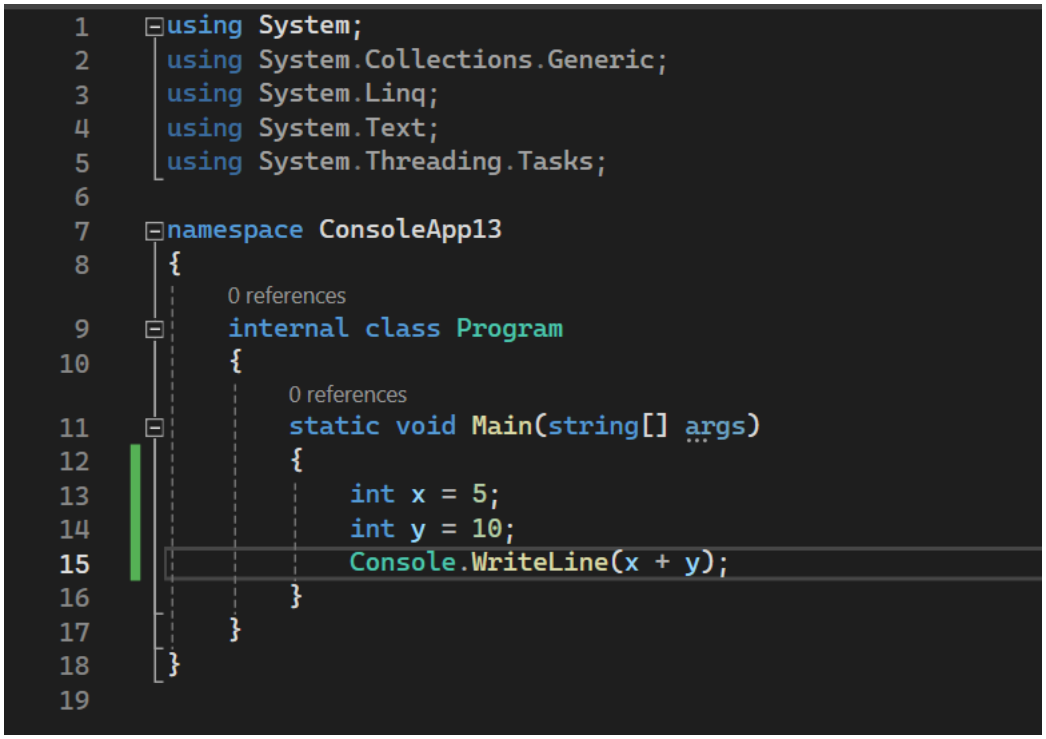
(04)



```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApp13
{
    0 references
    internal class Program
    {
        0 references
        static void Main(string[] args)
        {
            string myName = "John";
        }
    }
}
```

(05)



```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApp13
{
    0 references
    internal class Program
    {
        0 references
        static void Main(string[] args)
        {
            int x = 5;
            int y = 10;
            Console.WriteLine(x + y);
        }
    }
}
```

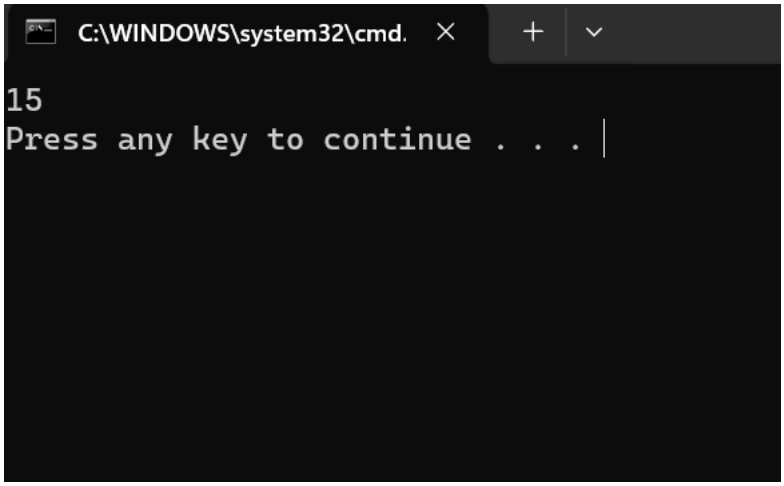
OUTPUT

(06)

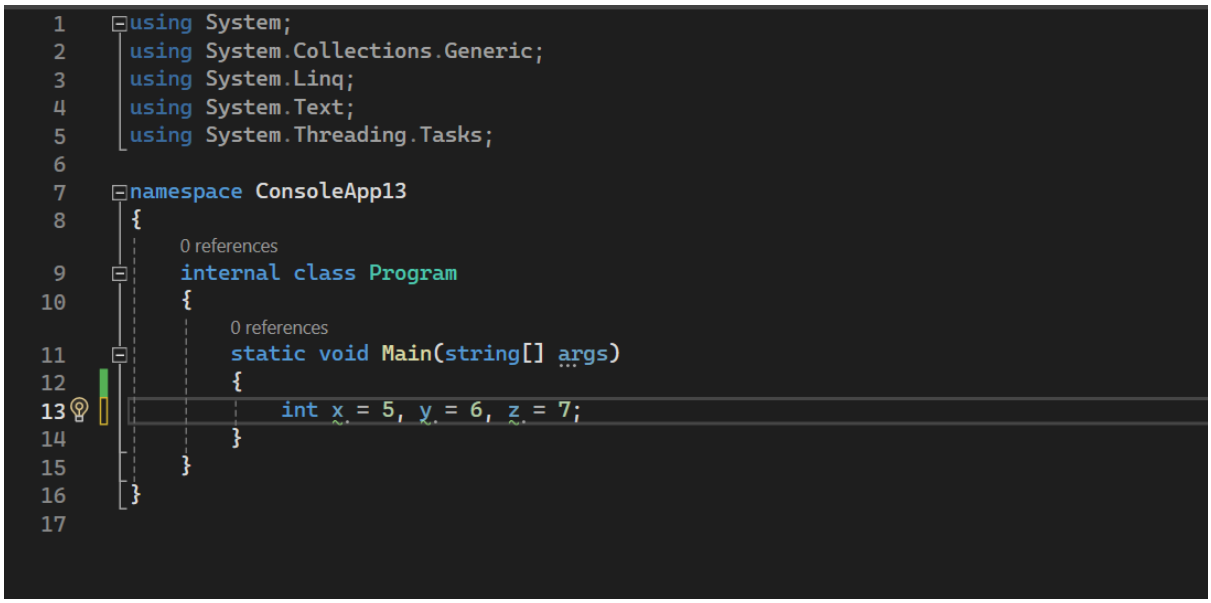
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApp13
{
    0 references
    internal class Program
    {
        0 references
        static void Main(string[] args)
        {
            int x = 5;
            int y = 10;
            int z = x +y;
            Console.WriteLine(z);
        }
    }
}
```

OUTPUT



(07)



```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApp13
{
    0 references
    internal class Program
    {
        0 references
        static void Main(string[] args)
        {
            int x = 5, y = 6, z = 7;
        }
    }
}
```

(08)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApp13
{
    0 references
    internal class Program
    {
        0 references
        static void Main(string[] args)
        {
            int myNum = 9;
            double myDoubleNum = 8.99;
            char myLetter = 'A';
            bool myBoolean = false;
            string myText = "Hello World!";
        }
    }
}
```

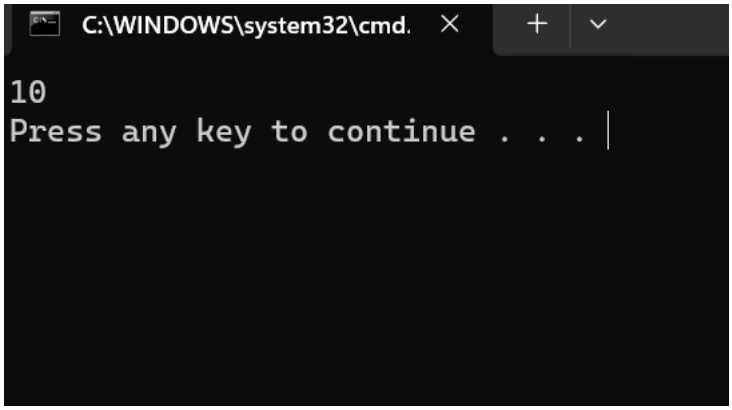
(09)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApp13
{
    0 references
    internal class Program
    {
        0 references
        static void Main(string[] args)
        {
            int myInt = 10;
            Console.WriteLine(Convert.ToString(myInt));

        }
    }
}
```

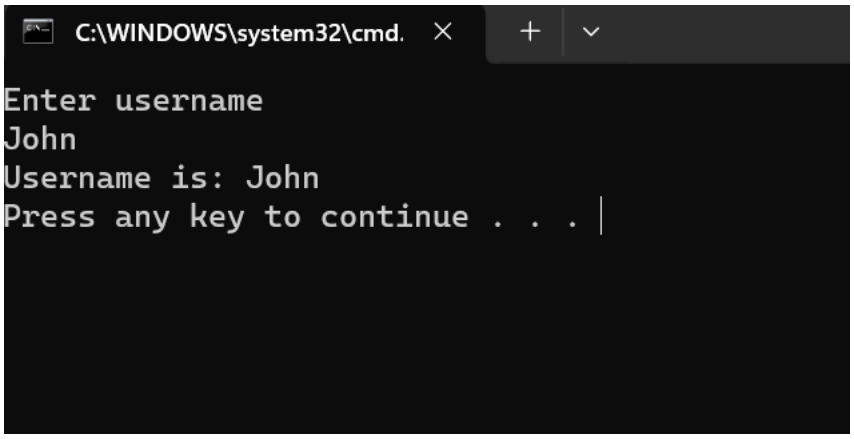
OUTPUT



(10)
i.

```
1   using System;
2   using System.Collections.Generic;
3   using System.Linq;
4   using System.Text;
5   using System.Threading.Tasks;
6
7   namespace ConsoleApp13
8   {
        0 references
9       internal class Program
10      {
            0 references
11          static void Main(string[] args)
12          {
13              Console.WriteLine("Enter username");
14              string userName = Console.ReadLine();
15              Console.WriteLine("Username is: " + userName);
16          }
17      }
18  }
19
```

OUTPUT



ii.

```
1   using System;
2   using System.Collections.Generic;
3   using System.Linq;
4   using System.Text;
5   using System.Threading.Tasks;
6
7   namespace ConsoleApp13
8   {
        0 references
9       internal class Program
10      {
            0 references
11          static void Main(string[] args)
12          {
13              Console.WriteLine("Think of a number: ");
14              int myNum = Convert.ToInt16(Console.ReadLine());
15              Console.WriteLine("Your number is: " + myNum);
16          }
17      }
18  }
19
```

OUTPUT

```
C:\WINDOWS\system32\cmd.
Think of a number:
3
Your number is: 3
Press any key to continue . . .
```

(11)

```
{
    0 references
    internal class Program
    {
        0 references
        static void Main(string[] args)
        {
            Console.WriteLine("Enter Book Title: ");
            string title = Console.ReadLine();

            Console.WriteLine("Enter Author Name: ");
            string author = Console.ReadLine();

            Console.WriteLine("Enter Publication Year: ");
            int pubyear = int.Parse(Console.ReadLine());

            Console.WriteLine("Enter the ISBN: ");
            string isbn = Console.ReadLine();

            Console.WriteLine("Book Information,");
            Console.WriteLine("Title: {0}", title);
            Console.WriteLine("Author: {0}", author);
            Console.WriteLine("Publication Year: {0}", pubyear);
            Console.WriteLine("ISBN: {0}", isbn);
        }
    }
}
```

OUTPUT

```
C:\WINDOWS\system32\cmd.
Enter Book Title:
loveena
Enter Author Name:
Mohan Raj Madawala
Enter Publication Year:
2023
Enter the ISBN:
isbn
Book Information,
Title: loveena
Author: Mohan Raj Madawala
Publication Year: 2023
ISBN: isbn
Press any key to continue . . .
```

(12)

```
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApp13
{
    0 references
    internal class Program
    {
        0 references
        static void Main(string[] args)
        {
            Console.WriteLine("Enter a Number: ");
            int num = int.Parse(Console.ReadLine());

            if (num % 2 == 0)
            {
                Console.WriteLine(num + " is an even number.");
            }
            else
            {
                Console.WriteLine(num + " is an odd number");
            }
        }
    }
}
```

OUTPUT