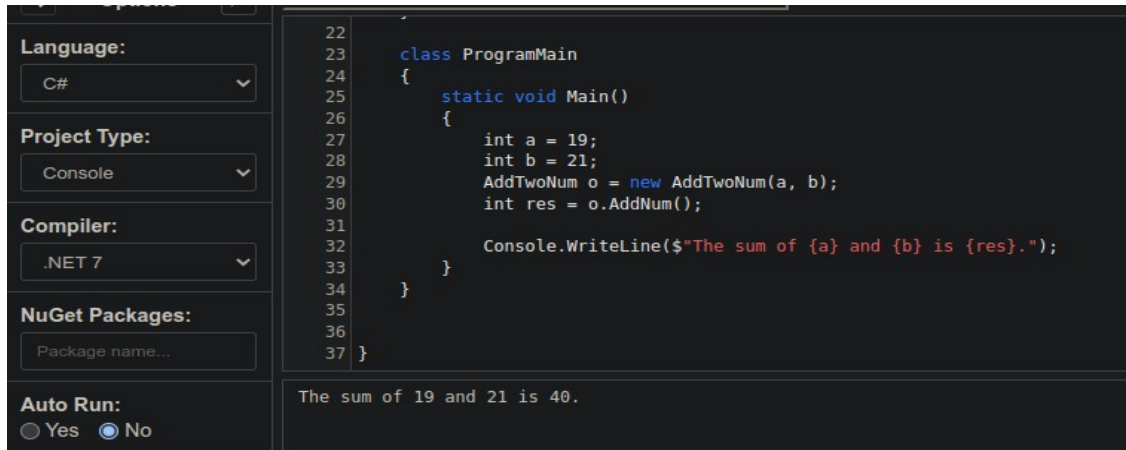


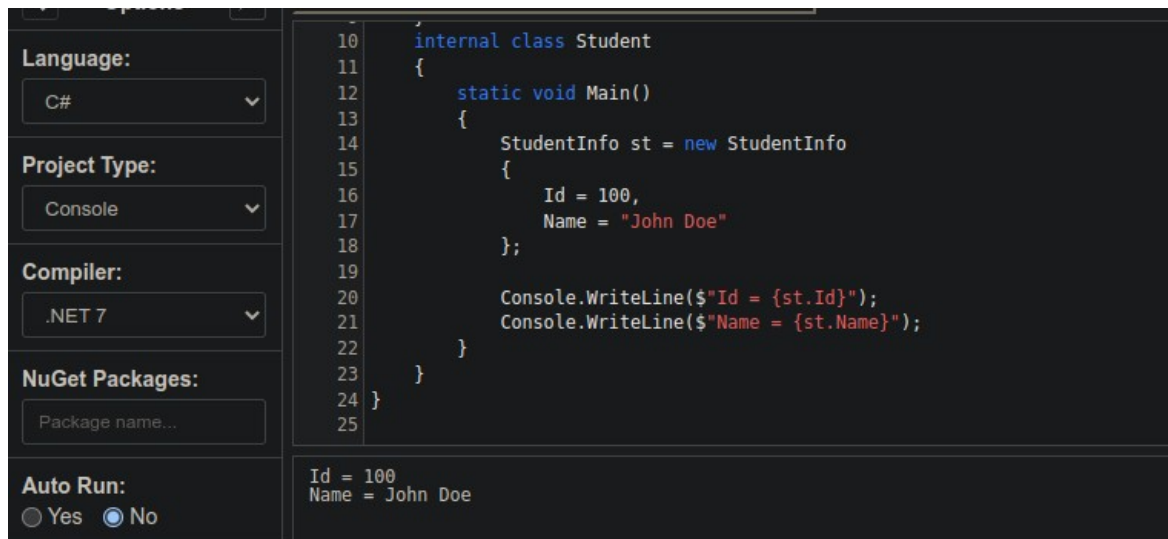
OUTPUT 1:



```
22
23 class ProgramMain
24 {
25     static void Main()
26     {
27         int a = 19;
28         int b = 21;
29         AddTwoNum o = new AddTwoNum(a, b);
30         int res = o.AddNum();
31
32         Console.WriteLine($"The sum of {a} and {b} is {res}.");
33     }
34 }
35
36
37 }
```

The sum of 19 and 21 is 40.

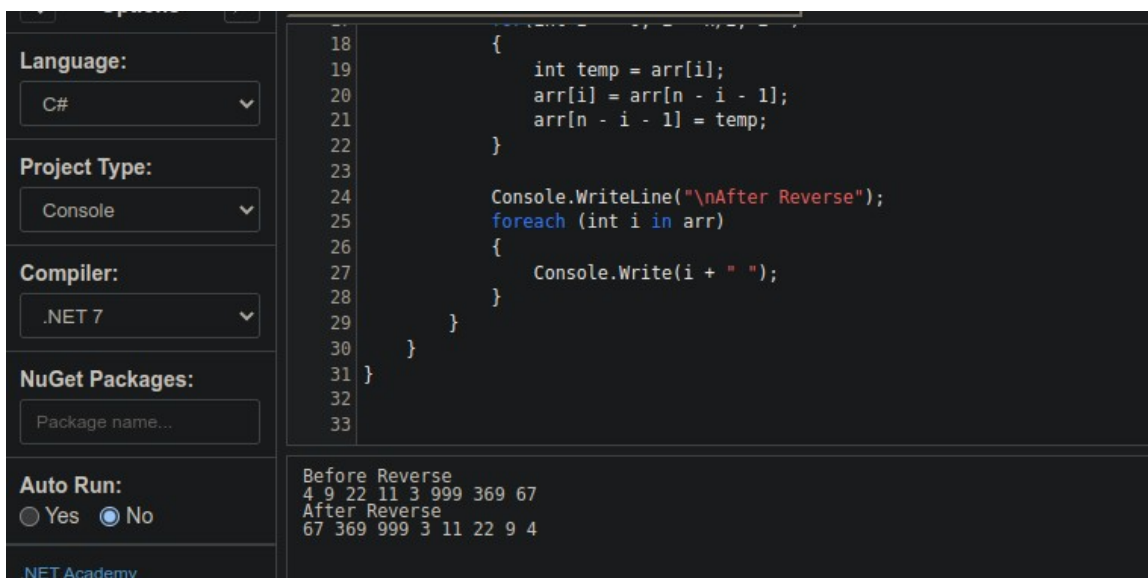
OUTPUT 2:



```
10 internal class Student
11 {
12     static void Main()
13     {
14         StudentInfo st = new StudentInfo
15         {
16             Id = 100,
17             Name = "John Doe"
18         };
19
20         Console.WriteLine($"Id = {st.Id}");
21         Console.WriteLine($"Name = {st.Name}");
22     }
23 }
24
25 }
```

Id = 100
Name = John Doe

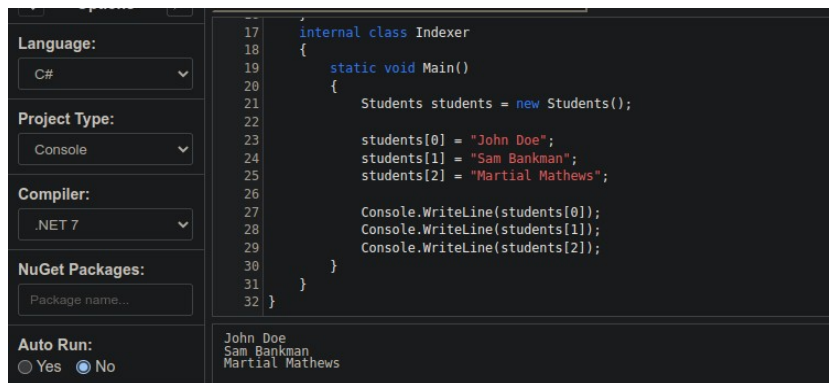
OUTPUT 3:



```
18 {
19     int temp = arr[i];
20     arr[i] = arr[n - i - 1];
21     arr[n - i - 1] = temp;
22 }
23
24 Console.WriteLine("\nAfter Reverse");
25 foreach (int i in arr)
26 {
27     Console.Write(i + " ");
28 }
29 }
30
31 }
32
33 }
```

Before Reverse
4 9 22 11 3 999 369 67
After Reverse
67 369 999 3 11 22 9 4


OUTPUT 4:



```
17 internal class Indexer
18 {
19     static void Main()
20     {
21         Students students = new Students();
22
23         students[0] = "John Doe";
24         students[1] = "Sam Bankman";
25         students[2] = "Martial Mathews";
26
27         Console.WriteLine(students[0]);
28         Console.WriteLine(students[1]);
29         Console.WriteLine(students[2]);
30     }
31 }
32
```

John Doe
Sam Bankman
Martial Mathews

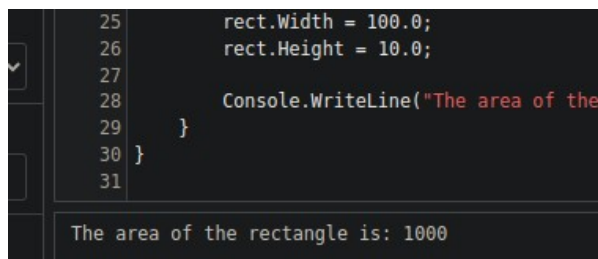
OUTPUT 5:



```
66 class C: B
67 {
68     public void MethodC()
69     {
70         Console.WriteLine("MethodC call
71     }
72 }
```

Animal is eating.
Dog is barking.
Method1 called.
Method2 called.
MethodA called.
MethodB called.
MethodC called.
Drawing a rectangle.
Drawing a circle

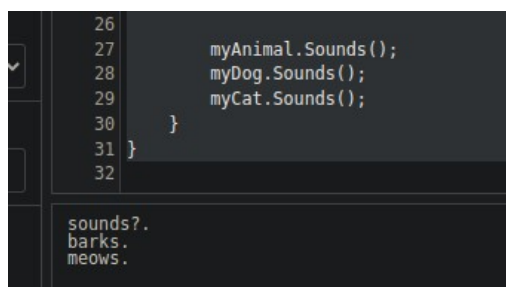
OUTPUT 6:



```
25     rect.Width = 100.0;
26     rect.Height = 10.0;
27
28     Console.WriteLine("The area of the
29 }
30 }
31
```

The area of the rectangle is: 1000

OUTPUT 7:



```
26
27     myAnimal.Sounds();
28     myDog.Sounds();
29     myCat.Sounds();
30 }
31 }
32
```

sounds?.
barks.
meows.