

1. Write a C# program that takes a character as input and checks if it is a vowel, a digit, or any other symbol.
2. Write a C# program that takes a decimal number as input and displays its equivalent in binary form.
3. Write a C# program to display the following triangle:

```

                *
              * *
            * * *
          * * * *
        * * * * *
      * * * * *
    * * * * *
  * * * * *
* * * * *
```