1 Moderncode

Title

```c
int main(int ac, char *av[])
{
    printf("Hello, World");
    return 0;
}
```

This title is very very very very very very very very very very long

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1.1 Output

```
Enter a positive integer: 100
Fibonacci Series: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34,
   ↪ 55, 89
```

1.2 Inline

1.2.1 Inline Code

This is an inline modern code display: `\LaTeX`. It is also possible to define a language: `SELECT pg_relation_size('title_basics');`.

1.3 Inline Key

It also supports a key-like-style inline element: Ctrl + C

2 Lstlisting

Listing 1: Example in C++

```
#include <iostream>
using namespace std;

int main() {
    int n, t1 = 0, t2 = 1, nextTerm = 0;

    cout << "Enter the number of terms: ";
    cin >> n;

    cout << "Fibonacci Series: ";

    for (int i = 1; i <= n; ++i) {
        // prints the first two terms.
        if(i == 1) {
            cout << t1 << ", ";
            continue;
        }
        if(i == 2) {
```

```
            cout << t2 << ", ";
            continue;
        }
        nextTerm = t1 + t2;
        t1 = t2;
        t2 = nextTerm;

        cout << nextTerm << ", ";
    }
    return 0;
}
```

2.1 Output

Output

```
Enter a positive integer: 100
Fibonacci Series: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34,
   ↪ 55, 89
```

2.2 Inline

2.2.1 Inline Code

`\LaTeX`