

# 1 Moderncode

Title

```
1  int main(int ac, char *av[])
2  {
3      printf("Hello, World");
4      return 0;
5  }
```

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

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10     printf("Hello, World");
11     printf("Hello, World");
12     printf("Hello, World");
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14     printf("Hello, World");
15     printf("Hello, World");
16     printf("Hello, World");
```

```

17         printf("Hello, World");
18         printf("Hello, World");
19         return 0;
20     }

```

## 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`.

## 1.3 Inline Key

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

# 2 Lstlisting

Listing 1: Example in C++

```

1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int n, t1 = 0, t2 = 1, nextTerm = 0;
6
7      cout << "Enter the number of terms: ";
8      cin >> n;
9
10     cout << "Fibonacci Series: ";
11
12     for (int i = 1; i <= n; ++i) {
13         // Prints the first two terms.
14         if(i == 1) {
15             cout << t1 << ", ";
16             continue;
17         }
18         if(i == 2) {

```

```

19         cout << t2 << ", ";
20         continue;
21     }
22     nextTerm = t1 + t2;
23     t1 = t2;
24     t2 = nextTerm;
25
26     cout << nextTerm << ", ";
27 }
28 return 0;
29 }

```

## 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