

Indentation Styles in Programming

Importance of Indentation

- **Readability:** Visual representation of code structure.
- **Maintainability:** Easier debugging and issue identification.
- **Collaboration:** Efficient teamwork.
- **Code Reviews:** Professionalism and detailoriented.



K&R Style (Kernighan and Ritchie)

```
int main() {
    int x = 5;
    if (x > 0) {
        printf("Positive\n");
        } else {
            printf("Non-positive\n");
        }
        return 0;
    }
```

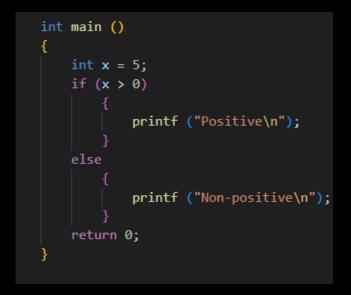


Allman Style (BSD Style)

```
int main()
{
    int x = 5;
    if (x > 0)
    {
        printf("Positive\n");
    }
    else
    {
        printf("Non-positive\n");
    }
    return 0;
}
```



GNU Style





Whitesmiths Style

```
int main()
    {
    int x = 5;
    if (x > 0)
        {
        printf("Positive\n");
        }
    else
        {
        printf("Non-positive\n");
        }
      return 0;
    }
```



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