



# Indentation Styles in Programming

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# Importance of Indentation

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



## 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

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



## Whitesmiths Style

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



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