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 detail-oriented.

K&R Style (Kernighan and Ritchie)

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

Allman Style (BSD Style)

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

GNU Style

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

Whitesmiths Style

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

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