

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int n, i, j;
```

```
    // Input the height of the pyramid
```

```
    printf("Enter the number of rows:\n");
```

```
    scanf("%d", &n);
```

```
    // Outer loop to handle the number of rows (height of the pyra
```

```
    for (i = 1; i <= n; i++)
```

```
    {
```

```
        // Loop for spaces before the numbers
```

```
        for (j = 1; j <= n - i; j++)
```

```
        {
```

```
            printf(" ");
```

```
        }
```

```
        // Loop for printing numbers in the pyramid
```

```
        for (j = 1; j <= (2 * i - 1); j++)
```

```
        {
```

```
        printf("%d", i);  
    }  
  
    // Move to the next line after printing each row  
    printf("\n");  
}  
  
return 0;  
}
```