

1. Program to Convert even number into its upper nearest odd number Switch statement

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

```
Int main() {
```

```
    Int number, result;
```

```
    Printf("Enter an integer: ");
```

```
    Scanf("%d", &number);
```

```
    Switch (number % 2) {
```

```
        Case 0: // Number is even
```

```
            Result = number + 1;
```

```
            Break;
```

```
        Case 1: // Number is odd
```

```
            Result = number;
```

```
            Break;
```

```
        Default:
```

```
            Printf("Unexpected case\n");
```

```
            Return 1;
```

```
    }
```

```
    Printf("The upper nearest odd number is: %d\n", result);
```

```
    Return 0;
```

```
}
```

3 ans : pattern

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

```
Int main() {
```

```
    Int n = 5;
```

```
    For (int l = 1; l <= n; i++) {
```

```
        For (int j = l; j < n; j++) {
```

```
            Printf(" ");
```

```
        }
```

```
        For (int k = 1; k <= (2 * l - 1); k++) {
```

```
            Printf("*");
```

```
        }
```

```
        Printf("\n");
```

```
    }
```

```
    Return 0;
```

```
}
```

