
```
% main.m - Test script for mybinomial
fprintf('Test 1: n = 10, k = 2\n');
disp(mybinomial(10, 2));
```

```
fprintf('\nTest 2: n = 5, k = -3\n');
try
    disp(mybinomial(5, -3));
catch ME
    disp(['Error: ', ME.message]);
end
```

```
fprintf('\nTest 3: n = 9, k = 13\n');
try
    disp(mybinomial(9, 13));
catch ME
    disp(['Error: ', ME.message]);
end
```

```
Test 1: n = 10, k = 2
      45
```

```
Test 2: n = 5, k = -3
Error: n and k must be non-negative integers.
```

```
Test 3: n = 9, k = 13
Error: n must be greater than or equal to k.
```

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