

## Cody Problem 27. Pangrams!

A pangram, or holoalphabetic sentence, is a sentence using every letter of the alphabet at least once.

Example:

```
% Input s = 'The quick brown fox jumps over the lazy dogs'
% Output tf = true
```

### Scratch Pad

```
s = 'The quick brown fox jumps over the lazy dogs'
```

```
s =
'The quick brown fox jumps over the lazy dogs'
```

```
isPangram(s)
```

```
abcdefghijklmnopqrstuvwxyz
ans = logical
     1
```

### Solution

```
function tf = isPangram(s)
    Alph = unique(char('abcdefghijklmnopqrstuvwxyz'));
    Lst = unique(lower(s));
    Lst = Lst(isletter(Lst));
    if isequal(Alph, Lst)
        tf = true;
    else
        tf = false;
    end
end
```