# Python Lookahead

Python look ahead explained.

#### WE'LL COVER THE FOLLOWING ^

- Positive Lookahead
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- Example

### Positive Lookahead #

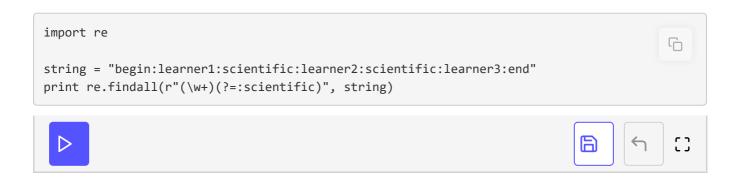
Python positive lookahead matches at a position where the pattern inside the lookahead can be matched. Matches only the position. It does not consume any characters or expand the match.

### Example #

Consider the following string:

```
begin:learner1:scientific:learner2:scientific:learner3:end
```

Positive lookahead assertion can help us to find all words followed by the word scientific.



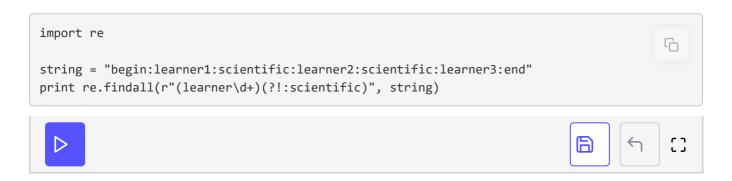
Note the output learner1 and learner2, but not learner3, which is followed
by the word :end.

## Neagative Lookahead #

Similar to positive lookahead, except that negative lookahead only succeeds if the regex inside the lookahead fails to match.

### Example #

Let's now proceed to an example, where we find the word (learner3) followed by end.



This matched all the words, not followed by the word scientific!