



[Milestone: One](#)

[Part : One](#)

Harry Potter Typing Trainer Version 1:

Aberto

In this version, you will read the list of spells from a file and display a random spell. It is your first step in the implementation of a typing trainer.

Remember: you must use user-defined functions to implement this program.

Text file: spells.txt

What to do

Implement the `read_spells()` and `get_random_spell()` functions.

Use the following template. All functions defined in the template must be present and implemented in your code (you may not omit functions). You may add extra functions if needed. You should not change the `main()` function in this version.

```
def read_spells(filename: str) -> list:
```

```
    """
```

```
    Reads a list of spells from a file and returns a list of spells.
```

```
    """
```

```
    # TODO: implement this function
```

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```
def get_random_spell(spells: list) -> str:
```

```
    """
```

```
    Returns a random spell from a list of spells, converted to lowercase.
```

```
    """
```

```
    # TODO: implement this function
```

```
def main() -> None:
```

```
    """
```

```
    Main program.
```

```
    """
```

```
    spells = read_spells('spells.txt')
```

```
    print('Harry Potter Keyboard Trainer')
```

```
    spell = get_random_spell(spells)
```

```
    print(spell)
```

```
main()
```

Hints

- Values (spells) are separated in the file by \n (end of line) character

Program name

Save your program as spells1.py.

Demo

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<https://asciinema.org/a/1zfvQmYjeMYdnHvmd3hwC0mQp>

Testing

To make sure your program works correctly, you should test it.

Run your program with python spells1.py. Your program should print a random spell

For example:

Harry Potter Keyboard Trainer

ventus

Run your program again. Your program should print another random spell.



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