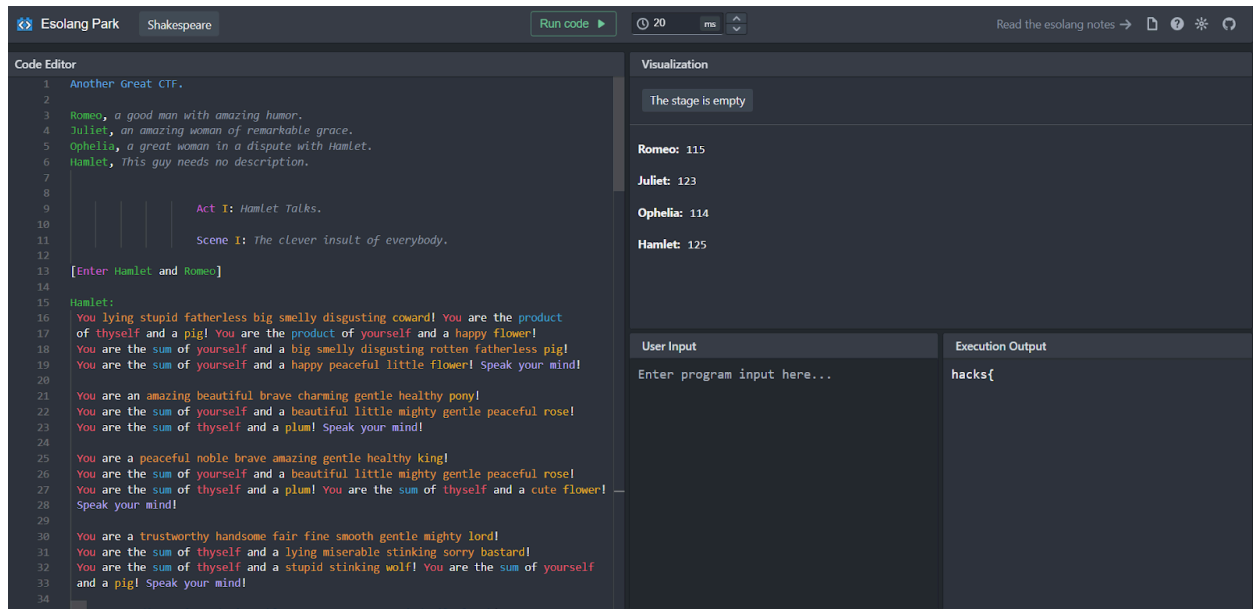


What an Amazing Play! (200 points)

The first step is to identify the esoteric language which is SPL (Shakespeare Programming Language). You can use this online [IDE](#).



The screenshot shows the Esolang Park Shakespeare IDE. The Code Editor contains a program with the following lines:

```
1 Another Great CTF.  
2  
3 Romeo, a good man with amazing humor.  
4 Juliet, an amazing woman of remarkable grace.  
5 Ophelia, a great woman in a dispute with Hamlet.  
6 Hamlet, This guy needs no description.  
7  
8  
9  
10  
11 Act I: Hamlet Talks.  
12  
13 Scene I: The clever insult of everybody.  
14  
15 [Enter Hamlet and Romeo]  
16  
17 Hamlet:  
18 You lying stupid fatherless big smelly disgusting coward! You are the product  
19 of thyself and a pig! You are the product of yourself and a happy flower!  
20 You are the sum of yourself and a big smelly disgusting rotten fatherless pig!  
21 You are the sum of yourself and a happy peaceful little flower! Speak your mind!  
22  
23 You are an amazing beautiful brave charming gentle healthy pony!  
24 You are the sum of yourself and a beautiful little mighty gentle peaceful rose!  
25 You are the sum of thyself and a plum! Speak your mind!  
26  
27 You are a peaceful noble brave amazing gentle healthy king!  
28 You are the sum of yourself and a beautiful little mighty gentle peaceful rose!  
29 You are the sum of thyself and a plum! You are the sum of thyself and a cute flower!  
30 Speak your mind!  
31  
32 You are a trustworthy handsome fair fine smooth gentle mighty lord!  
33 You are the sum of thyself and a lying miserable stinking sorry bastard!  
34 You are the sum of thyself and a stupid stinking wolf! You are the sum of yourself  
35 and a pig! Speak your mind!
```

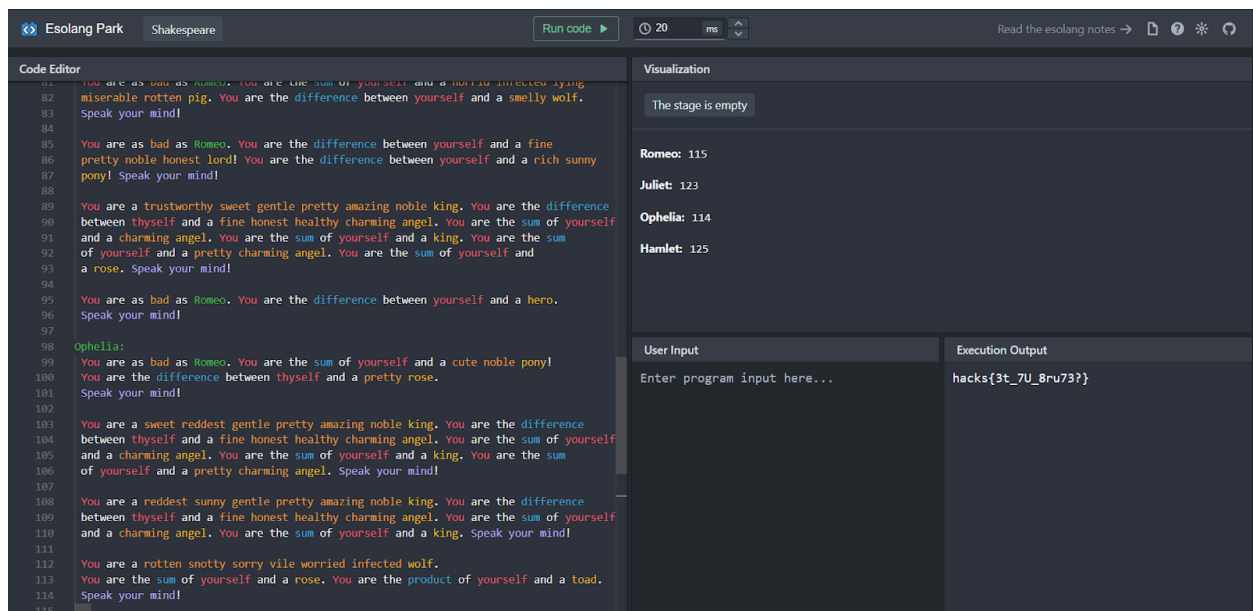
The Visualization panel shows the following character counts:

- Romeo: 115
- Juliet: 123
- Ophelia: 114
- Hamlet: 125

The User Input field is empty, and the Execution Output field shows the following output:

```
hacks{
```

It is clear that the flag is incomplete. The next task is to print the remaining part of the flag by using the print function in spl which is **Speak your mind!** On various where this statement seems to be missing to complete the flag.



The screenshot shows the Esolang Park Shakespeare IDE. The Code Editor contains a program with the following lines:

```
82 You are as bad as Romeo. You are the sum of yourself and a happy infected lying  
83 miserable rotten pig. You are the difference between yourself and a smelly wolf.  
84 Speak your mind!  
85  
86 You are as bad as Romeo. You are the difference between yourself and a fine  
87 pretty noble honest lord! You are the difference between yourself and a rich sunny  
88 pony! Speak your mind!  
89  
90 You are a trustworthy sweet gentle pretty amazing noble king. You are the difference  
91 between thyself and a fine honest healthy charming angel. You are the sum of yourself  
92 and a charming angel. You are the sum of yourself and a king. You are the sum  
93 of yourself and a pretty charming angel. You are the sum of yourself and  
94 a rose. Speak your mind!  
95  
96 You are as bad as Romeo. You are the difference between yourself and a hero.  
97 Speak your mind!  
98  
99 Ophelia:  
100 You are as bad as Romeo. You are the sum of yourself and a cute noble pony!  
101 You are the difference between thyself and a pretty rose.  
102 Speak your mind!  
103  
104 You are a sweet reddest gentle pretty amazing noble king. You are the difference  
105 between thyself and a fine honest healthy charming angel. You are the sum of yourself  
106 and a charming angel. You are the sum of yourself and a king. You are the sum  
107 of yourself and a pretty charming angel. Speak your mind!  
108  
109 You are a reddest sunny gentle pretty amazing noble king. You are the difference  
110 between thyself and a fine honest healthy charming angel. You are the sum of yourself  
111 and a charming angel. You are the sum of yourself and a king. Speak your mind!  
112  
113 You are a rotten snotty sorry vile worried infected wolf.  
114 You are the sum of yourself and a rose. You are the product of yourself and a toad.  
115 Speak your mind!
```

The Visualization panel shows the following character counts:

- Romeo: 115
- Juliet: 123
- Ophelia: 114
- Hamlet: 125

The User Input field is empty, and the Execution Output field shows the following output:

```
hacks{3t_7U_8ru73?}
```

The phrase “Speak your mind” Speaks the ascii character of the ascii code so formed by writing the current paragraph. For eg

You are a fair fine gentle pretty amazing noble king. You are the difference between thyself and a fine honest healthy charming angel. You are the sum of yourself and a charming angel. You are the sum of yourself and a king. Speak your mind!

The above code starts at a value 1, then for each positive word the value is doubled. And “difference” keyword subtracts from the current value

You are a fair fine gentle pretty amazing noble king. The value is 64

You are the difference between thyself and a fine honest healthy charming angel.

The value is now 48 as we subtracted 16 (*fine honest healthy charming angel*) from (*thyself*) which was earlier 64.

Then we add 3 to the value (*You are the sum of yourself and a charming angel. You are the sum of yourself and a king*) (Making it 51).

Then we print out the ascii character (using *Speak your mind!*) . Add the ascii character associated with the value 51 is ‘3’

In this challenge you just need to print the ascii character generated so far by writing “Speak your mind!”

A “Speak your mind!” should be added on the 68th line.

```
66 You are a fair fine gentle pretty amazing noble king. You are the difference
67 between thyself and a fine honest healthy charming angel. You are the sum of yourself
68 and a charming angel. You are the sum of yourself and a king. Speak your mind!
```

A “Speak your mind!” should be added on the 70th line.

```
69
70 You are as bad as Romeo. You are the sum of yourself and a pony. Speak your mind!
71
```

A “Speak your mind!” should be added on the 74th line.

```
72 You are as bad as Romeo. You are the difference between yourself and a fine
73 pretty noble honest lord! You are the difference between yourself and a rich sunny
74 pony! Speak your mind!
```

A “Speak your mind!” should be added on the 79th line.

```
76 You are a fair fine gentle pretty amazing noble king. You are the difference
77 between thyself and a fine honest healthy charming angel. You are the sum of yourself
78 and a charming angel. You are the sum of yourself and a king. You are the sum
79 of yourself and a pretty charming angel. Speak your mind!
```

A "Speak your mind!" should be added on the 83rd line.

```
81  You are as bad as Romeo. You are the sum of yourself and a horrid infected lying
82  miserable rotten pig. You are the difference between yourself and a smelly wolf.
83  Speak your mind!
```

A "Speak your mind!" should be added on the 87th line.

```
85  You are as bad as Romeo. You are the difference between yourself and a fine
86  pretty noble honest lord! You are the difference between yourself and a rich sunny
87  pony! Speak your mind!
```

A "Speak your mind!" should be added on the 93rd line.

```
89  You are a trustworthy sweet gentle pretty amazing noble king. You are the difference
90  between thyself and a fine honest healthy charming angel. You are the sum of yourself
91  and a charming angel. You are the sum of yourself and a king. You are the sum
92  of yourself and a pretty charming angel. You are the sum of yourself and
93  a rose. Speak your mind!
```

A "Speak your mind!" should be added on the 96th line.

```
95  You are as bad as Romeo. You are the difference between yourself and a hero.
96  Speak your mind!
```

A "Speak your mind!" should be added on the 101st line.

```
100 You are as bad as Romeo. You are the sum of yourself and a cute noble pony!
101 You are the difference between thyself and a pretty rose. Speak your mind!
```

A "Speak your mind!" should be added on the 106th line.

```
103 You are a sweet reddest gentle pretty amazing noble king. You are the difference
104 between thyself and a fine honest healthy charming angel. You are the sum of yourself
105 and a charming angel. You are the sum of yourself and a king. You are the sum
106 of yourself and a pretty charming angel. Speak your mind!
```

A "Speak your mind!" should be added on the 110th line.

```
108 You are a reddest sunny gentle pretty amazing noble king. You are the difference
109 between thyself and a fine honest healthy charming angel. You are the sum of yourself
110 and a charming angel. You are the sum of yourself and a king. Speak your mind!
```

A "Speak your mind!" should be added on the 114th line.

```
112 You are a rotten snotty sorry vile worried infected wolf.
113 You are the sum of yourself and a rose. You are the product of yourself and a toad.
114 Speak your mind!
```

A "Speak your mind!" should be added on the 117th line.

```
117 You are as bad as Juliet. You are the sum of thyself and a noble king. Speak your mind!
```

On completing this we get the flag:

```
hacks{3t_7U_8ru73?}
```