

## F.Symbols Exercise

For the symbol `:welcome_to_ruby` write a program that do the following using Symbol APIs:

A.Checks whether it starts with 'wel' or 'to' or 'zzz'

```
p :welcome_to_ruby.start_with?("wel" || "to" || "zzz")
```

B.Checks whether it ends with 'by' or 'zy'

```
p :welcome_to_ruby.start_with?("by" || "zy")
```

C.Prints out the next symbol. Ex: `:welcome_to_rubz`

```
P :welcome_to_rubz
```

D.Prints out the number of letters excluding the special characters.

```
p :welcome_to_ruby.to_s.gsub!(/[^\0-9A-Za-z]/, "").length
```

E.Prints out the symbol capitalized then return it back to its original case

```
p :welcome_to_ruby.capitalize()
```

```
p :welcome_to_ruby
```

F.Print out the symbol converted to string, then print it back as symbol

```
str = :welcome_to_ruby.to_s()
```

```
p str
```

```
p str.to_sym()
```

G.Create prints an array of symbols out of each letter ex:

```
arr=[:w,:e,:l,:c,:m,:o,...]
```

```
str = :welcome_to_ruby.to_s
```

```
arr = str.split("")
```

```
p arr.map {|element| element.to_sym}
```