

08 Practical

Given the below code (type it up!):

```
import re
s = """
In 2009, on the 1st the price was $30.00, on the 20th it
was $94.12.
"""
results = re.findall(r'your regex here', s)
```

1. Write the regex to extract the year (imagine it could be any year).
2. Write the regular expression to extract the dollar figures
i.e. your results should be ['\$30.00', '\$94.12']
3. Write the regular expression to extract the dates
i.e. your results should be ['1st', '20th']
4. Using a combination of regex and other logic, produce an dictionary like the following:

```
{
    'Year': 2009, # This is a number
    'Date': '1st',
    'Price': 30.0 # This is a float
}
```

5. Write (and test!) a regular expression that will match:

```
001111001
001001
```

But not match

```
11
001100111
```