

```
"""This program collect all the numbers from a given string using
regular expression """
```

```
data = """adfd sdf 12 255 55.5 192 169 1 2 0
asdlfj 10 1200 200 30 400 40 500"""
```

```
import re
```

```
num = []
```

```
part_data = data
```

```
#print pat + ('.*')
```

```
while 1:
```

```
    match = re.search(r'(\d+) (.*)', part_data, re.S)
```

```
    if (match):
```

```
        #print match.group(1)
```

```
        num.append(match.group(1))
```

```
        part_data = match.group(2)
```

```
        #print part_data
```

```
    else:
```

```
        break
```

```
print num
```

```
"""Same program can also be done using finall as below"""
```

```
print
```

```
print "Using Findall functions"
```

```
all_num = re.findall(r'(\d+)', data)
```

```
print all_num
```