DAILY ASSESSMENT FORMAT

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Course:	Python	USN:	4al16ec29
Topic:	Simple comprehension	Semester & Section:	6th A section
Github Repository:	karegowda-courses		

FORENOON SESSION DETAILS
Report--

1. Simple list comprehension:

```
temps = [272,383,786]


new_temps = []
for temp in temps:
    new_temps.append(temp/10)


print(new_temps)
```

2. List comprehension with list conditional

```
temps = [272,383,786,-6666]


new_temps = [temp/10 for temp in temps if temp != -6666]


print(new_temps)
```

3. List comprehension with if-else condition

```python
temps = [272,383,786,-6666]

new_temps = [temp/10  if temp != -6666 else 0 for temp in temps]

print(new_temps)
```

4.Summary

A basic list comprehension

```python
[i*2 for i in [1, 5, 10]]
```

list comprehension with if condition

```python
[i*2 for i in [1, -2, 10] if i>0 ]
```

list comprehension with if-else condition

```python
[i*2 if I>0 else 0 for i in [1, -2, 10] ]
```