

Python Basic Assignment 4 (practical)

1:

```
num = int(input('Enter a number greater than or equal to zero: '))
```

```
ss = 1
```

```
for i in range(num,0,-1):
```

```
    ss = ss * i
```

```
print(ss)
```

2:

```
for i in range(1,11):
```

```
    for j in range(1,11):
```

```
        print(i*j,end='\t')
```

```
    print()
```

3:

```
n = [0,1]
```

```
for i in range(2,51):
```

```
    ss = n[i-1] + n[i-2]
```

```
    n.append(ss)
```

```
print(n)
```

4:

```
num = int(input('Enter the number: '))
```

```
ss = []
```

```
for i in str(num):
```

```
    ss.append(int(i)**3)
```

```
if sum(ss)==num:
```

```
    print('number is armstrong')
```

```
else:
```

```
    print('number is not armstrong')
```

5:

```
i = 100
```

```
ss = []
```

```
while i <= 1000:
```

```
    s = []
```

```
    for j in str(i):
```

```
        s.append(int(j)**3)
```

```
    if sum(s)==i:
```

```
        ss.append(i)
```

```
    i = i + 1
```

```
print(ss)
```

```
6:
```

```
ss = []
```

```
for i in range(1,101):
```

```
    ss.append(i)
```

```
print(sum(ss))
```