error / exception handling

```python
while True:

    value = input('Value between 0 and 100:')

    try:

        value = int(value)

    except ValueError:

        print ('Valid number, please')
```

Algorithms are steps to solve specific problems.

Pseudocode is a useful way to develop algorithms.

- example 1:

OUTPUT "What is your name?"

set myname to USERINPUT

OUTPUT "Hello, ", myname

- example 2:

OUTPUT "Are you hungry?"

set answer to USERINPUT

if answer == "yes":

OUTPUT "Eat something!"

else:

OUTPUT "Take a walk."