Input Vaidation

ISYS5002, School of Marketing and Management

Curtin University

ELECTRONIC WARNING NOTICE FOR COPYRIGHT STATUTORY LICENCES

I acknowledge the traditional custodians of the land on which I work and live, and recognise their continuing connection to land, water and community. I pay respect to elders past, present and emerging.

Curtin University

Input validation code verifies that user supplied data, such as text from the input() function, is formatted appropriately.

Curtin University

3 Ways

- try/except

- isdigit()

- PyInputsPlus

Curtin University

```
while True:
    try:
        age = int(input('How old are you? '))
        break
    except ValueError:
        print('Please enter a whole number')

print('Your age is: ' + str(age))


#Reference: http://www.easypythondocs.com/validation.html
```

Curtin University

```python
while True:
    age = input('How old are you? ')
    if age.isdigit():
        break
    else:
        print('You must enter a valid number')

print('You are ' + str(age))

#Reference: http://www.easypythondocs.com/validation.html
```

ISYSS5002 – Input Validation
Curtin University is a trademark of Curtin University of Technology
CRICOS Provider Code 00301J

Curtin University

PyInputsPlus

- **inputStr()**
- **inputNum()**
- **inputChoice()**
- **inputMenu()**
- **inputDatetime()**
- **inputYesNo()**
- **inputBool()**
- **inputEmail()**
- **inputFilepath()**
- **inputPassword()**

Curtin University

```
import pyinputplus as pyip
response = pyip.inputNum()
```

Curtin University

Input Validation

- Don't trust input

- try/except

- isdigit()

- Module: pyinputplus