PseudoCode for Isosceles Triangle

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PseudoCode

DISPLAY "Welcome!"

DISPLAY "This program will display a beautiful isosceles triangle"

DISPLAY "How high do you want this triangle to be?"

READ <n>

WHILE (<n> < 0)

   DISPLAY "Your number needs to be positive –>"

   READ <n>

END_WHILE

<empty> = "*"

FOR <i> in RANGE(n+1)

   DISPLAY <empty>*<i>

DISPLAY "Your traingle is", <n>, "levels high"

Code in Python 3

```python
#This program displays a beautiful isosceles triangle

print("Welcome!")
print("This program will display a beautiful isosceles triangle")
print()
n = eval(input("How high do you want this triangle to be? "))
while(n < 0):
    n = eval(input("Your number needs to be positive --> "))

empty = "*"

for i in range(n+1):
    print(empty*i)
print("Your triangle is", n, "levels high")
```