Introduction to Programming

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Lecture 5

- 1. Pick up the Dictionary
- 2. Open to the middle of the dictionary
- 3. Look at words
- 4. If "Debate" is among the words
 See the meaning
- else if "Debate" is earlier in the bookOpen to the middle of the left half of bookGo to line 3
- 6. else if "Debate" is later in the book Open to the middle of the right half of the book Go to line 3
- 7. else Give up

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Repeat a set of instruction

How Many Times?

```
n=4
fact=1
fact=fact*n
n=n-1
fact=fact*n
n=n-1
fact=fact*n
n=n-1
fact=fact*n
print(fact)
```

```
n=int(input())?
fact=1
fact=fact*n
n=n-1
fact=fact*n
n=n-1
fact=fact*n
n=n-1
fact=fact*n
print(fact)
```

while expression: statements

```
n=1
while n<10:
    print(n)
    n=n+1</pre>
```

```
n=int(input())
fact=1
while n>0:
    fact=fact*n
    n=n-1
print(fact)
```

```
n=int(input())
sum=0
m=1
while m<=n:
    sum=sum+m
    m=m+1
print(sum)</pre>
```

for variable in iterable object:
 statements

```
n = int(input())
sum = 0
for m in range(0,n):
    sum = sum + m
print(sum)
```

```
n = int(input))
fact=1
for m in range(n):
   fact = fact*m
print(fact)
```

```
gp = [9,9,7,8,6,7,8]
sumgp=0
for m in lst:
    sum = sum * m
print(sum)
```

Basics > Examples

That's It > Questions?

Thank You For Your Kind Attention