



Big Data with Python



By Odin Outsourcing



Motivational video

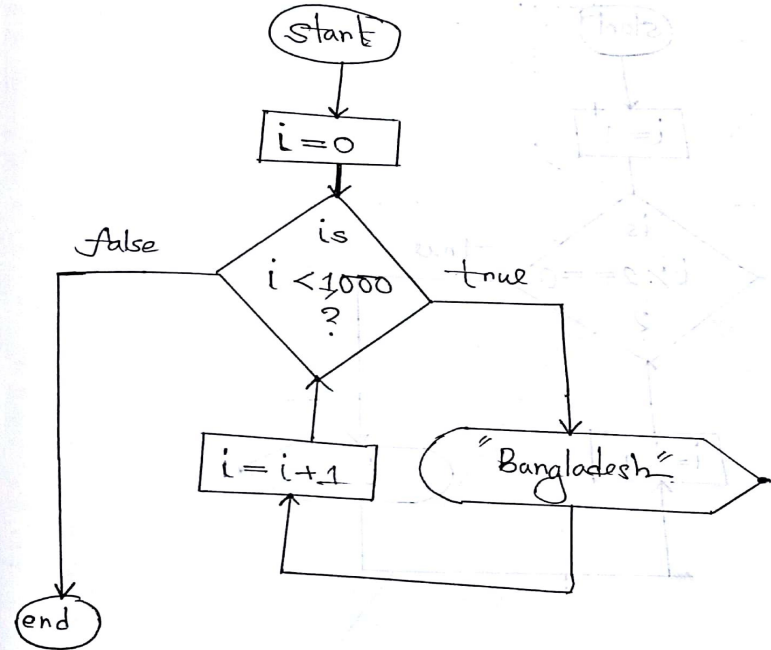
1. TEDx: <https://www.youtube.com/watch?v=xfBWk4nw440>

Iteration Learning Resources

1. <https://www.learnpython.org/en/Loops>
2. <https://www.geeksforgeeks.org/loops-in-python>

Iteration-1

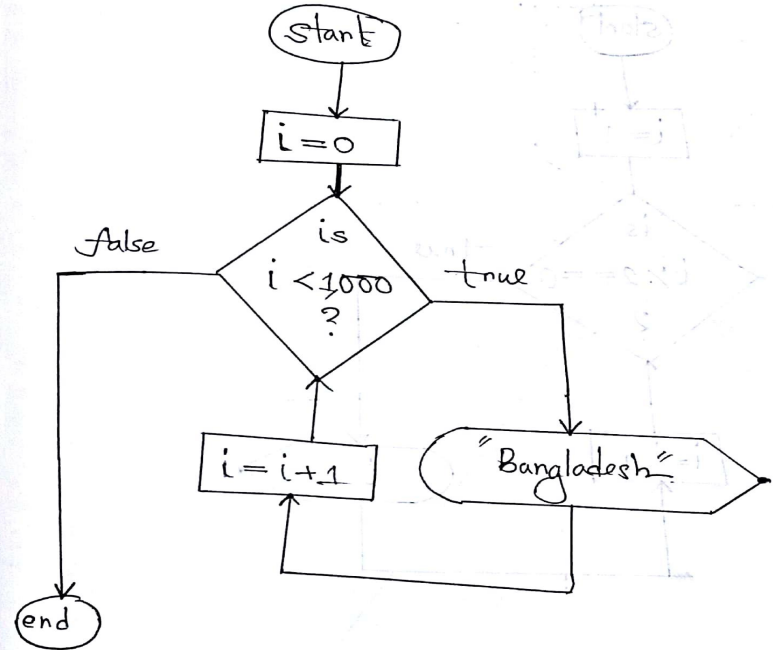
Draw a flowchart that will print "Bangladesh" 1000 times.



Iteration-1

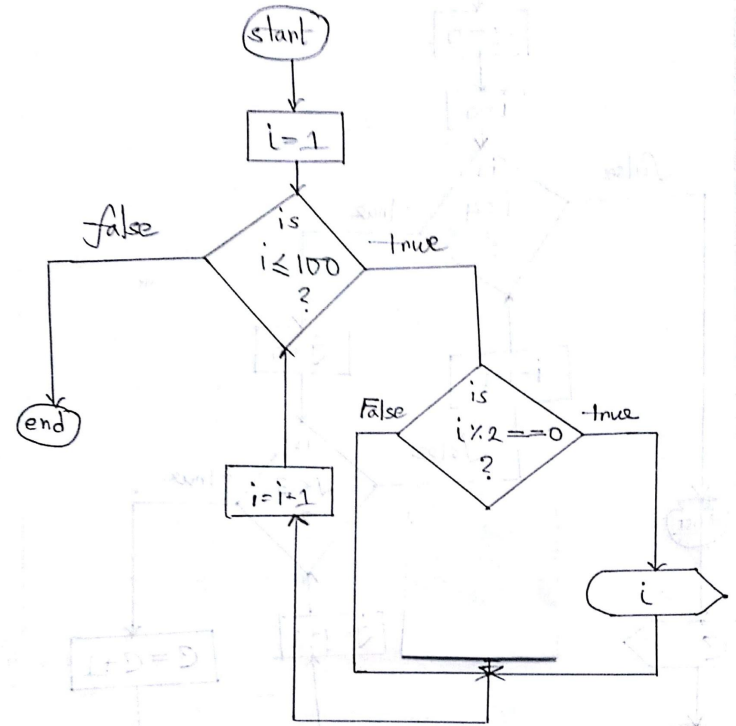
```
i=0
while i<10:
    print('Bangladesh')
    i=i+1
```

Draw a flowchart that will print "Bangladesh" 1000 times.



Iteration-2

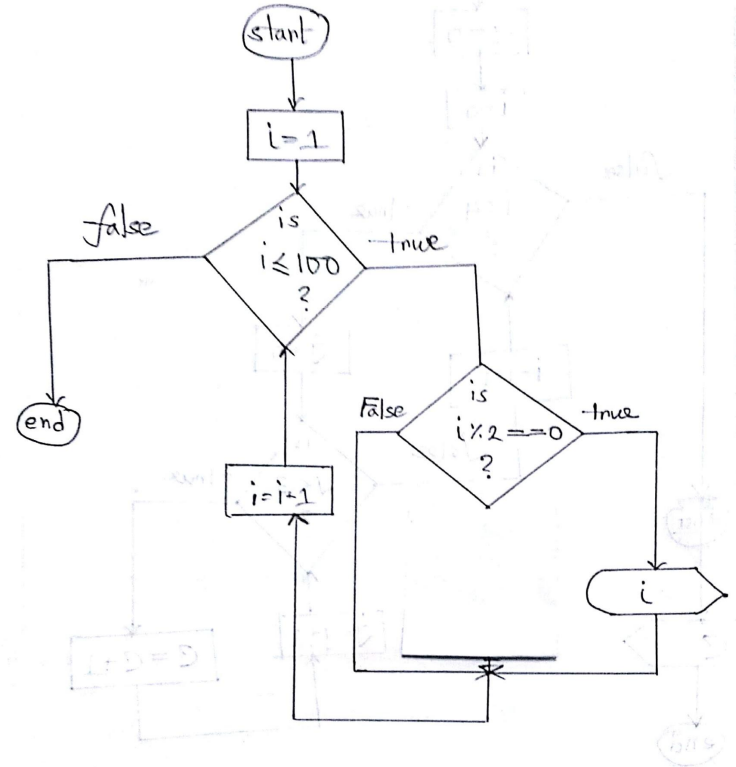
Draw a flowchart that will print all even numbers between 1 to 100.



Iteration-2

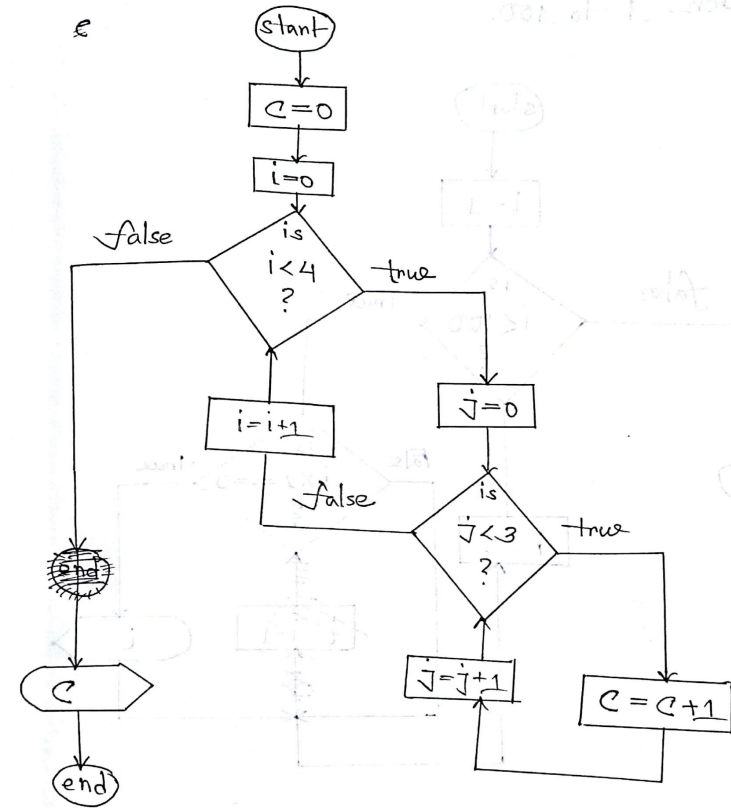
```
i = 1  
  
while i <= 100:  
    if i % 2 == 0:  
        print(i)  
  
    i = i + 1
```

Draw a flowchart that will print all even numbers between 1 to 100.



Iteration-3

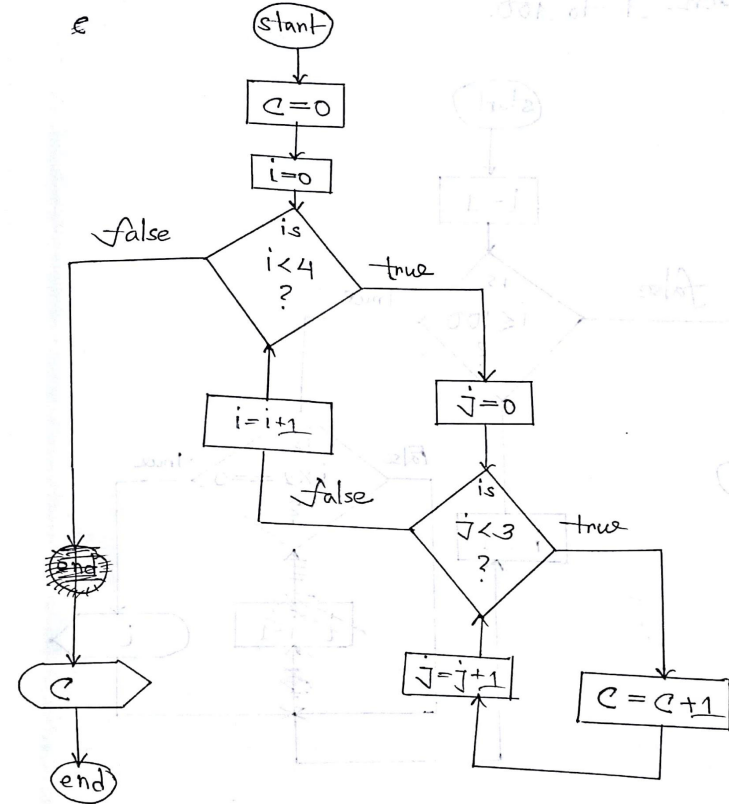
Find the value of C (trace/debug)



Iteration-3

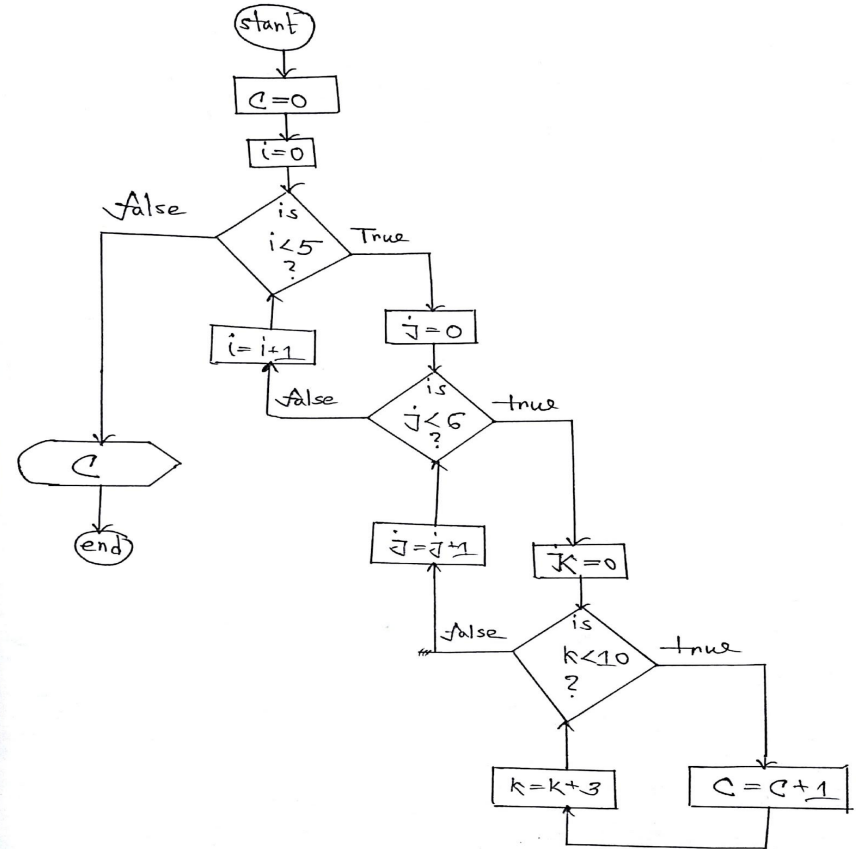
```
C=0
i=0
while i<4:
    j=0
    while j<3:
        C=C+1
        j = j+1
    i = i+1
print(C)
```

Find the value of C (trace/debug)



Iteration-4

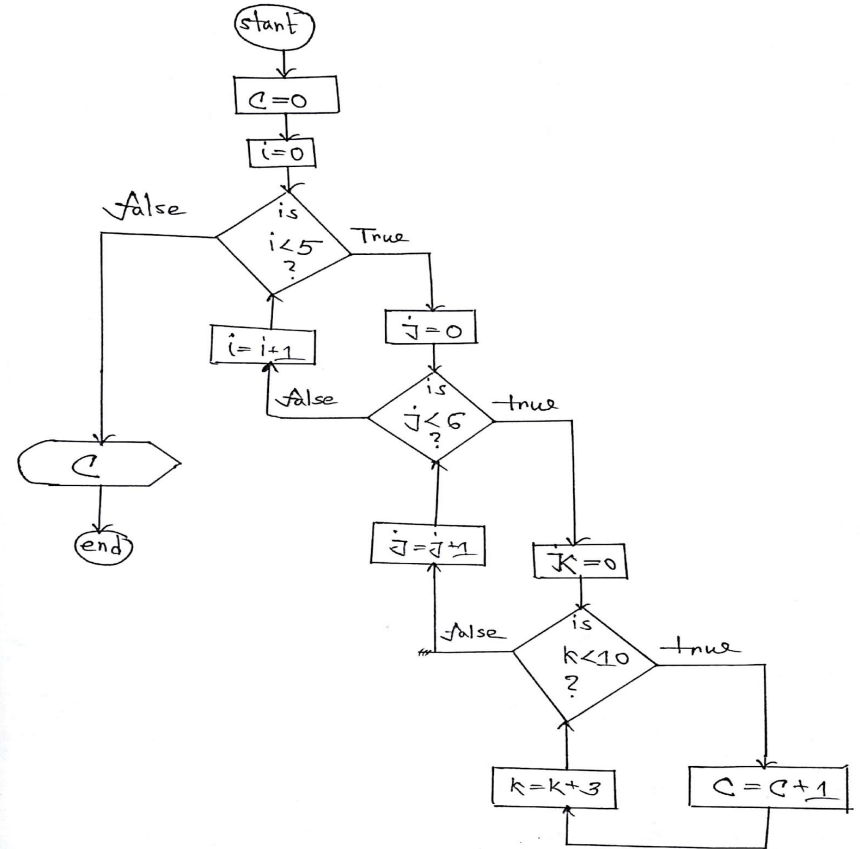
Find the value of c (trace/debug)



Iteration-4

```
C=0  
  
i=0  
while i<5:  
    j=0  
    while j<6:  
        k=0  
        while k<10:  
            C=C+1  
            k = k+1  
        j=j+1  
    i=i+1  
  
print(C)
```

Find the value of C (trace/debug)



Problem Solving

1. Input a number, then reverse it. (1234 to 4321; 596254 to 452695).
2. Check a number whether it is palindrome or not.
3. Count the digit of a number.
4. Count the unique-digit of a number.
5. Take two inputs, base(b) and power(p) determine the value.
6. Fibonacci Series (0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89 ...)

Contract your instructor!

Find Me: <http://rafsanjani.pythonanywhere.com/contact>

Course Website: <https://mrzresearcharena.github.io/Big-Data-using-Python>



Thank you!