

# python assignment

```
In [1]: def f1(n):
        x = []
        length = 0
        for i in range(1, n + 1):
            count = 0
            for j in range(1, i + 1):
                if i % j == 0:
                    count = count + 1
            if count == 2:
                x.append(i)
        print(x)
        sum = 0
        big = x[0]
        for k in x:
            sum = sum + k
            if sum in x:
                if sum > big:
                    big = sum
        print(big)
        n=int(input('enter number:'))
        f1(n)
```

enter number:100

[2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97]

41

In [ ]:

In [ ]: