

Assignment 1 Day9

```
In [16]: def test_prime(n):  
        if (n==1):  
            return False  
        elif (n==2):  
            return True;  
        else:  
            for x in range(2,n):  
                if(n % x==0):  
                    return False  
            print(n,"is prime")
```

```
In [17]: test_prime(11)
```

11 is prime

Assignment 2 Day 9

```
In [23]: def armstrong(a,b):  
        for i in range (a,b+1):  
            sum=0  
            temp=i  
            while temp>0:  
                digit = temp%10  
                sum += digit**3  
                temp //=10  
            if i == sum:  
                print(i)
```

```
In [24]: armstrong(1,1000)
```

1
153
370
371
407