```python
#python program to check the max of three numbers
a=int(input("enter the value of a"))
b=int(input("enter the value of b"))
c=int(input("enter the value of c"))
if a>=b and a>=c:
    print("a is largest")
elif b>=a and b>=c:
    print("b is largest")
else:
    print("c is larger")
```

```
enter the value of a1
enter the value of b4
enter the value of c9
c is larger
```

```python
#2.python program to reverse a string
a=str(input("enter a string"))
b=a[::-1]
print("reversed string is:",b)
```

```
enter a stringhuthika
reversed string is: akihtuh
```

```python
#3.python function to check whether the number is prime or not
n=int(input("enter num"))
temp=n
reverse=1
digit=0
if(n>1):
    for i in range(2,n):
        if(n%i==0):
            print("not prime number")
            break
    else:
        print("prime number")
else:
    print("not prime number")
```

```
enter num7
prime number
```

```python
#4.use try,except,else and finally block to check whether the number is palindrome or not
try:
    n=int(input("enter a number"))
except:
    print("enter valid input of integer type")
else:
    temp=n
    sum=0
    while(n>0):
        digit=n%10
        sum=sum*10+digit
        n=n//10
    if sum==temp:
        print("palindrome")
    else:
        print("not palindrrome")
finally:
    print("done")
```

```
enter a number121
palindrome
done
```

```python
#5.python function to find sum of squares of first n natural numbers
n=int(input("enter the value of n"))
t,s=0,0
for i in range(1,n+1):
    s=i*i
    t=t+s
    i=i+1
print("the sum of squares pf first n natural numbers is",t)
```

```
enter the value of n4
the sum of squares pf first n natural numbers is 30
```