

Assignment-4

Module-2

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1. Python function to find maximum of three numbers

```
def biggest(a,b,c):  
    if a>b and a>c :  
        print("Biggest Number =",a)  
    elif b>a and b>c:  
        print("Biggest Number =",b)  
    elif a==b:  
        print("a = b =",a)  
    elif a==c:  
        print("a = c =",a)  
    elif b==c:  
        print("b = c =",b)  
    else:  
        print("Biggest Number =",c)  
biggest(2,8,8)  
biggest(6,4,20)
```

Output :- b = c = 8

Biggest Number = 20

2. Python program to reverse a string

```
txt = "GITAM"[:-1]
print("Reversed string is ",txt)
```

Output:-

Reversed string is MATIG

3. Python program to check whether a number is prime or not

```
number = int(input("Enter any number: "))
if number > 1:
    for i in range(2, number):
        if (number % i) == 0:
            print(number, "is not a prime number")
            break
    else:
        print(number, "is a prime number")
else:
    print(number, "is not a prime number")
```

Output:- Enter any number: 97

97 is a prime number

4. program to use try,except,else and finally block to check the number is palindrome or not

```
try:
    n=int(input("Enter a number :"))
except ValueError:
    print("Enter only numbers")
else :
    temp=n
    rev=0
    while(n>0):
        rev=(rev*10)+(n%10)
        n=n//10
    if (temp==rev):
        print("palindrom")
    else :
        print("not a palindrome")
```

Output:- Enter a number :342

not a palindrome

5. Python function to find sum of squares of first n natural numbers

```
def squaresum(n) :  
    sm = 0  
    for i in range(1, n+1) :  
        sm = sm + (i * i)  
    return sm  
n = 50  
print(squaresum(n))
```

Output:- 42925

