

Python Assignment-2

1) write function to write max of three numbers.

1) def biggest(a,b,c):

if a>c and b>b:

Print("Biggest =", a)

elif b>c and b>a:

Print("Biggest =", b)

elif a>b and c>a:

Print("Biggest =", c)

biggest(2,8,6)

2) Python Program to reverse a string.

1) string = input("Please enter your own string: ")

string2 = ''

for i in string

string2 = i + string2

Print("In the original string =", string)

Print("The Reversed string =", string2).

3) write Python function to check prime or not.

1) num = int(input("Enter the number"))

if num>1:

for i in range(2, num):

if (num % i) == 0:

Print(num, "is not prime")

else:

Print(num, "is prime")

Write 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 = 4
```

```
Print(squaresum(n))
```

4) Use try, except, else and finally block to check whether the number is palindrome or not.

```
A) num = input('Enter any number:')
```

```
try:
```

```
    val = int(num)
```

```
    if num == str(num)[::-1]:
```

```
        print('The given number is PALINDROME')
```

```
    else:
```

```
        print('The given number is NOT a Palindrome')
```

```
except ValueError:
```

```
    print('That is not valid number')
```