Q) i) write a Python function to find the Max of three numbers.

```
num1 = int(input("Enter the first number:"))
num2 = int(input("Enter the Second number:"))
num3 = int(input("Enter the Third number:"))

if (num1 > num2) and (num1 > num3):
    Print("num1 is largest")
elif (num2 > num3) and (num2 > num1):
    Print("num2 is largest")
else:
    Print("num3 is largest")

Print("The largest number is " largest).
```

Output:

```
Enter first number : 11
Enter second number : 12
Enter third number : 13
The largest num3 is largest : 13.
```

2) Write a python Program to reverse a string

txt = "Hello world"   output:- "dlrow olloH"
txt = [::-1]
Print = ["txt"].

3) Write a python function to check whether the number is prime or not.

num = int (input ("Enter a number: "))

```
if num > 1:
    for i in range (2, num):
        if (num % i ) == 0:
            Print (num, "is not a prime number")
            Print (i, "times", num//i, "is", num)
            break.
    else:
        print (num, "is a prime number")
```

Output:
Enter a number : 401

401 is not a prime number

11   times   37   in   401.

4. Use try, except, else and finally block to Check wheather the number is palindrome or not.

```
def isPalindrome (word):
    if len (word ) <1:
        return True
    else
        if word [0] == word [-1]:
            return is palindrome (word [1: -1])
        Else :
            return False
def fileInput (filename):
    Palindromes = False
```

```python
fh = open (file name, "r")
length = input ("Enter the length of palindromes:")
    d = int(length)
    try:
        for line in fh:
            for s in str(len(line)):
            if isPalindrome(line.strip()):
                palindromes = True
            if (len(line.strip())==d)
            Print (line.strip())
    except
            Print ("No palindromes found for
                length entered")
    finally
        fh.close()
```

Output MOM (file)

No palindromes, found for length
Entered.

5. Write a python function to find
Sum of squares of first n natural
numbers.

```python
def sqsum (n):
    Sm = 0
    for i in range (1, n+1):
        sm = sm + pow(i,2)
    return sm
```

Output   n=5
            print (sq sum (n))

output   55.