Assignment – 1   kasim

Question 1

Write a Python program to print all Prime numbers in an Interval.

Ans –

```
lower = int(input("Enter the lower Interval value: "))
upper = int(input("Enter the upper Interval value: "))
for num in range(lower, upper+1):
    for x in range(2,num):
        if num%x==0:
            break
    else:
        print(num)
```

Question 2

Write a Python Program for factorial of a number.

Ans –

```python
def factorial(n):
    if n == 0:
        return 1
    else:
        return n * factorial(n-1)
n=int(input("Input a number to compute the factiorial : "))
print(factorial(n))
```

Question 3

Find the sum of n numbers by using the while loop

Ans-

```python
number = int(input("Please Enter any Number: "))
total = 0

for value in range(1, number + 1):
    total = total + value

print("The Sum of Numbers from 1 to {0} = {1}".format(number, total))
```