**PYTHON PROGRAMMING**

TASK (05/11/2019)

1.Write a python program to reverse of string.

2.Write a python program to whether number is palindrome or not.

3.Write a python program to print the number is prime or not.

Program 1:

Write a python program to reverse of string?

**Code:**

def reverse\_type1(str):

s=""

l=len(str)-1

while l>=0:

s=s+str[l]

l=l-1

print("without using slicing "+s)

def reverse\_type2(str):

print("with using slicing "+str[::-1])

print(“enter a string”)

str=input()

reverse\_type1(str)

reverse\_type2(str)

Execution :

enter a String

bhaskar

without using slicing raksahb

with using slicing raksahb

Program 2:

Write a python program to whether number is palindrome or not.

**Code:**

print("enter a number")

num=int(input())

temp=num

pnum=0

r=0

while temp>0:

r=temp%10

pnum=pnum\*10+r

temp=temp//10

if(num==pnum):

print("the given number "+ str(num) +" is a pallindrome")

else:

print("the given number "+ str(num) +" is not a pallindrome")

Execution 1:

enter a number

121

the given number 121 is a pallindrome

Execution 2:

enter a number

153

the given number 153 is not a pallindrome

Program 3:

Write a python program to print the number is prime or not.

**Code:**

print("enter a number")

num=int(input())

count=0

for i in range(1,num+1):

if(num%i==0):

count=count+1

if(count==2):

print("the given number "+ str(num) +" is a prime")

else:

print("the given number "+ str(num) +" is not a prime")

Execution 1:

enter a number

29

the given number 29 is a prime

Execution 2:

enter a number

44

the given number 44 is not a prime