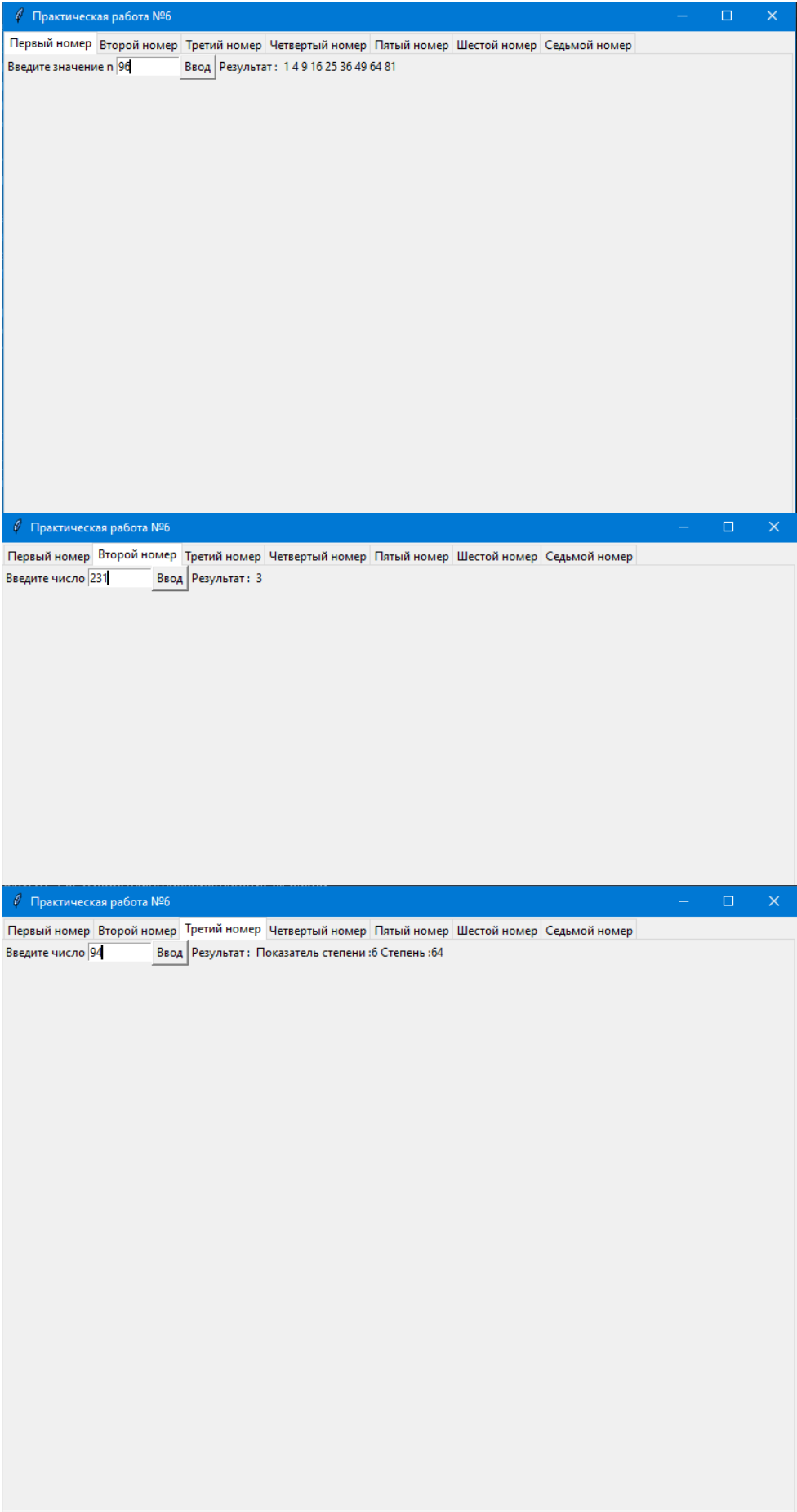


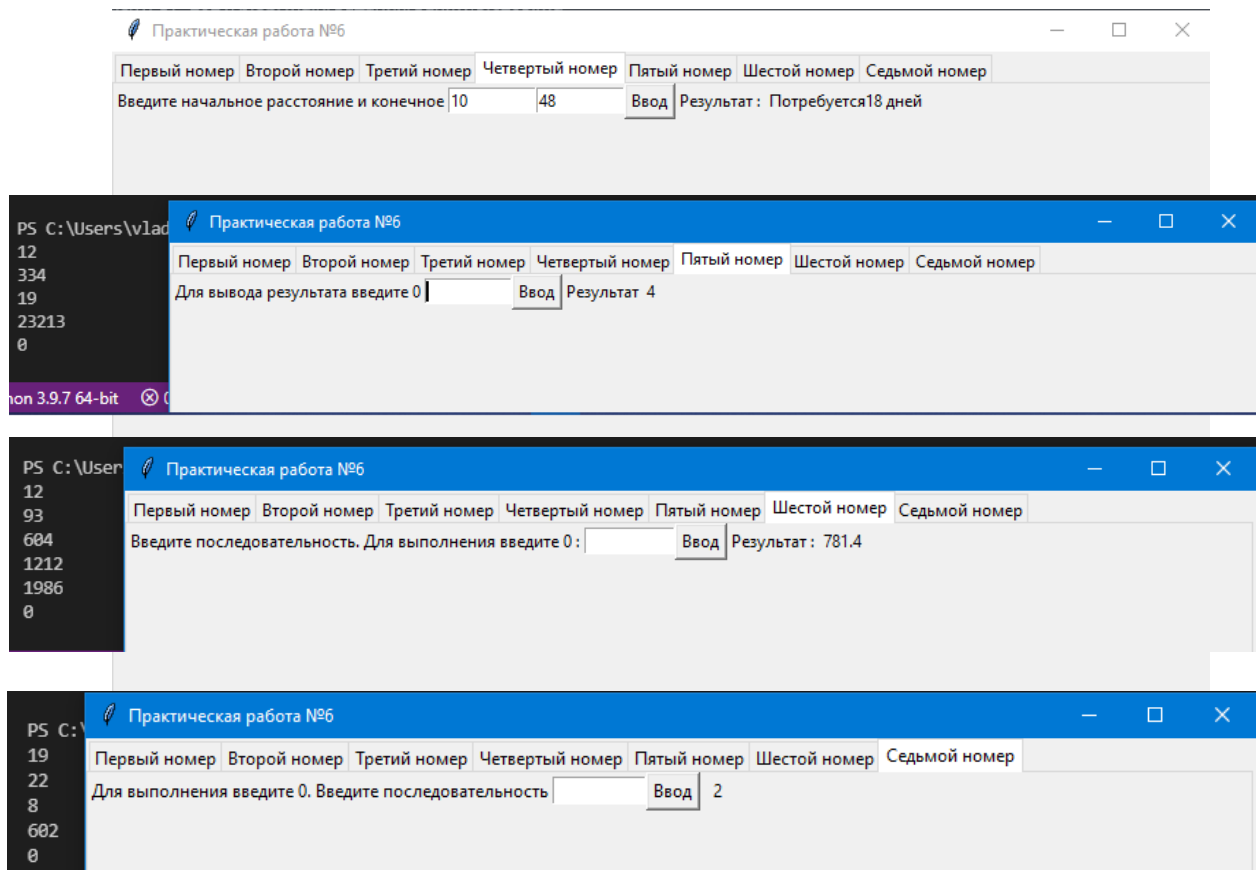
## Отчёт по выполнению практической работы №6

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Скриншот выполнения :





Код:

```
# -*- coding: utf-8 -*-
```

```
from tkinter import *
```

```
from tkinter import ttk
```

```
def prgr1():
```

```
    a = txt1.get()
```

```
    i = 1
```

```
    N = int(a)
```

```
    result = ""
```

```
    while i ** 2 < N:
```

```
        result += str(i**2)
```

```
        i+=1
```

```
        result = result + " "
```

```
    vivod1.configure(text = result)
```

```
def prgr2():
```

```
    a = txt2.get()
```

```
n = int(a)

i = 2

while n % i != 0:

    i += 1

vivod2.configure(text = i)
```

```
def prgr3():

    a = txt3.get()

    n = int(a)

    i = 2

    e = 1

    while i <= n:

        i*=2

        e+=1

    result="Показатель степени :"+str(e-1) +" "+"Степень :"+str(i//2)

    vivod3.configure(text=result)
```

```
def prgr4():

    x = int(txt4.get())

    y = int(txt4_1.get())

    n=1

    while x<y:

        x*=1.1

        n+=1

    n = "Потребуется" + str(n) + " дней"

    vivod4.configure(text=n)
```

```
k=0
```

```
def prgr5():
```

```
global k

a = txt5.get()

print(a)

if (a!="0"):

    k += 1

else:

    vivod5.configure(text=k)

txt5.delete(0, END)
```

```
x=0

y=0

def prgr6():

    global y

    a = txt6.get()

    print(a)

    global x

    if a != "0":

        y += 1

        x +=int(a)

    else:

        vivod6.configure(text=x/y)

    txt6.delete(0,END)
```

```
b=0

a=10000000

def prgr7():

    n=txt7.get()

    print(n)

    global b
```

```
global a

if(int(n) > a):

    b+=1

a = int(n)

if(n=="0"):

    vivod7.configure(text=b)

txt7.delete(0, END)
```

```
window = Tk()

window.title("Практическая работа №6")

window.geometry('800x600')
```

```
tab_control = ttk.Notebook(window)

tab1 = ttk.Frame(tab_control)

tab2 = ttk.Frame(tab_control)

tab3 = ttk.Frame(tab_control)

tab4 = ttk.Frame(tab_control)

tab5 = ttk.Frame(tab_control)

tab6 = ttk.Frame(tab_control)

tab7 = ttk.Frame(tab_control)
```

```
#вкладка1

tab_control.add(tab1, text='Первый номер')

lbl1 = Label(tab1, text='Введите значение n')

lbl1.grid(column=0, row=0)

txt1 = Entry(tab1, width=10)

txt1.grid(column=1, row=0)

btn1 = Button(tab1, text="Ввод", command=prgr1)

btn1.grid(column=2, row=0)
```

```
vvod1 = Label(tab1, text = 'Результат :')
```

```
vvod1.grid(column=3, row=0)
```

```
vivod1 = Label(tab1, text="")
```

```
vivod1.grid(column=4, row=0)
```

```
#вкладка2
```

```
tab_control.add(tab2, text='Второй номер')
```

```
lbl2 = Label(tab2, text='Введите число')
```

```
lbl2.grid(column=0, row=1)
```

```
txt2 = Entry(tab2, width=10)
```

```
txt2.grid(column=1, row=1)
```

```
btn2 = Button(tab2, text="Ввод", command=prgr2)
```

```
btn2.grid(column=2,row=1)
```

```
vvod2 = Label(tab2, text="Результат :")
```

```
vvod2.grid(column=3,row=1)
```

```
vivod2 = Label(tab2, text="")
```

```
vivod2.grid(column=4,row=1)
```

```
#вкладка3
```

```
tab_control.add(tab3, text='Третий номер')
```

```
lbl3 = Label(tab3, text='Введите число')
```

```
lbl3.grid(column=0, row=2)
```

```
txt3 = Entry(tab3, width=10)
```

```
txt3.grid(column=1, row=2)
```

```
btn3 = Button(tab3, text="Ввод",command=prgr3)
```

```
btn3.grid(column=2,row=2)
```

```
vvod3 = Label(tab3,text="Результат :")
```

```
vvod3.grid(column=3,row=2)
```

```
vivod3 = Label(tab3, text="")
```

```
vivod3.grid(column=4, row=2)
```

```
#вкладка4
```

```
tab_control.add(tab4, text='Четвертый номер')
```

```
lbl4 = Label(tab4, text='Введите начальное расстояние и конечное')
```

```
lbl4.grid(column=0, row=3)
```

```
txt4 = Entry(tab4, width=10)
```

```
txt4.grid(column=1, row=3)
```

```
txt4_1 = Entry(tab4, width=10)
```

```
txt4_1.grid(column=2, row=3)
```

```
btn4 = Button(tab4, text = "Ввод", command=prgr4)
```

```
btn4.grid(column=3, row=3)
```

```
vvod4 = Label(tab4, text="Результат :")
```

```
vvod4.grid(column=4, row=3)
```

```
vivod4 = Label(tab4, text="")
```

```
vivod4.grid(column=5, row=3)
```

```
#вкладка5
```

```
tab_control.add(tab5, text='Пятый номер')
```

```
lbl5 = Label(tab5, text='Для вывода результата введите 0')
```

```
lbl5.grid(column=0, row=4)
```

```
txt5 = Entry(tab5, width=10)
```

```
txt5.grid(column=1, row=4)
```

```
btn5 = Button(tab5, text="Ввод", command=prgr5)
```

```
btn5.grid(column=2, row=4)
```

```
vvod5 = Label(tab5, text="Результат")
```

```
vvod5.grid(column=3, row=4)
```

```
vivod5 = Label(tab5, text="")
```

```
vivod5.grid(column=4, row=4)
```



#вкладка6

tab\_control.add(tab6, text='Шестой номер')

lbl6 = Label(tab6, text='Введите последовательность. Для выполнения введите 0 :')

lbl6.grid(column=0, row=5)

txt6 = Entry(tab6, width=10)

txt6.grid(column=1, row=5)

btn6 = Button(tab6, text="Ввод", command=prgr6)

btn6.grid(column=2, row=5)

vvod6 = Label(tab6, text = "Результат :")

vvod6.grid(column=3, row=5)

vivod6 = Label(tab6, text= "")

vivod6.grid(column=4, row=5)

#вкладка7

tab\_control.add(tab7, text='Седьмой номер')

lbl7 = Label(tab7, text='Для выполнения введите 0. Введите последовательность')

lbl7.grid(column=0, row=6)

txt7 = Entry(tab7, width=10)

txt7.grid(column=1, row=6)

btn7 = Button(tab7, text="Ввод", command=prgr7)

btn7.grid(column=2, row=6)

vvod7 = Label(tab7, text="")

vvod7.grid(column=3, row=6)

vivod7 = Label(tab7, text="")

vivod7.grid(column=4, row=6)

tab\_control.pack(expand=1, fill='both')

window.mainloop()

