

```
6newfile.py
/storage/emulat...

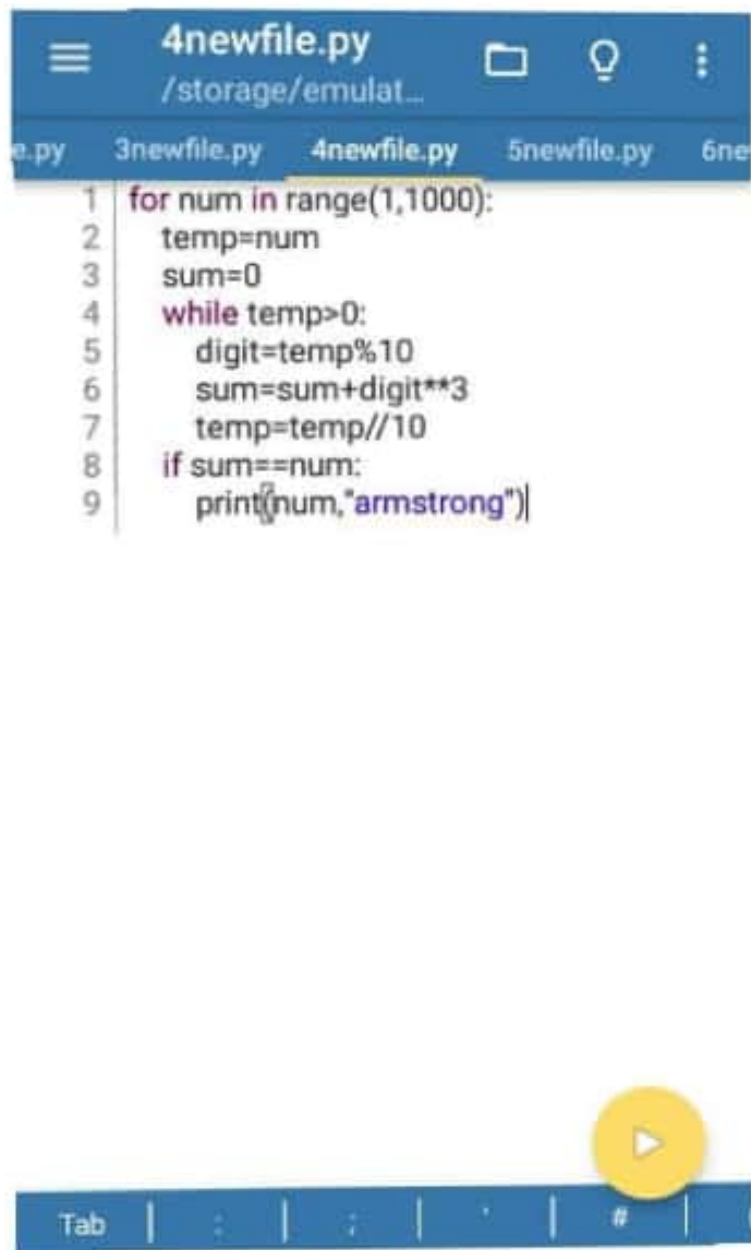
e.py  5newfile.py  6newfile.py  7.pallimdromednew

2 sum=0
3 if n>100 and n<1000:
4     while(n>0):
5         rem=n%10
6         sum=sum+rem
7         n=n//10
8     print("sum=",sum)
9 else:
10    print("not in range")
```

```
enter a integer122
sum= 5
```

```
[Program finished]
```





The image shows a code editor window with a blue header bar. The header bar contains a hamburger menu icon, the filename '4newfile.py', and a file path '/storage/emulat...'. Below the header bar, there are several tabs labeled 'e.py', '3newfile.py', '4newfile.py', '5newfile.py', and '6ne'. The main area of the editor displays a Python script with the following code:

```
1 for num in range(1,1000):
2     temp=num
3     sum=0
4     while temp>0:
5         digit=temp%10
6         sum=sum+digit**3
7         temp=temp//10
8     if sum==num:
9         print(num,"armstrong")
```

At the bottom of the editor, there is a yellow circular play button icon. Below the play button, there is a blue bar with the word 'Tab' and several icons: a colon, a semicolon, an apostrophe, and a hash symbol.

```
1 armstrong
153 armstrong
370 armstrong
371 armstrong
407 armstrong

[Program finished]
```



```
enter a month=march
spring
[Program finished]
```



☰

10.body mas...

📁

💡

⋮

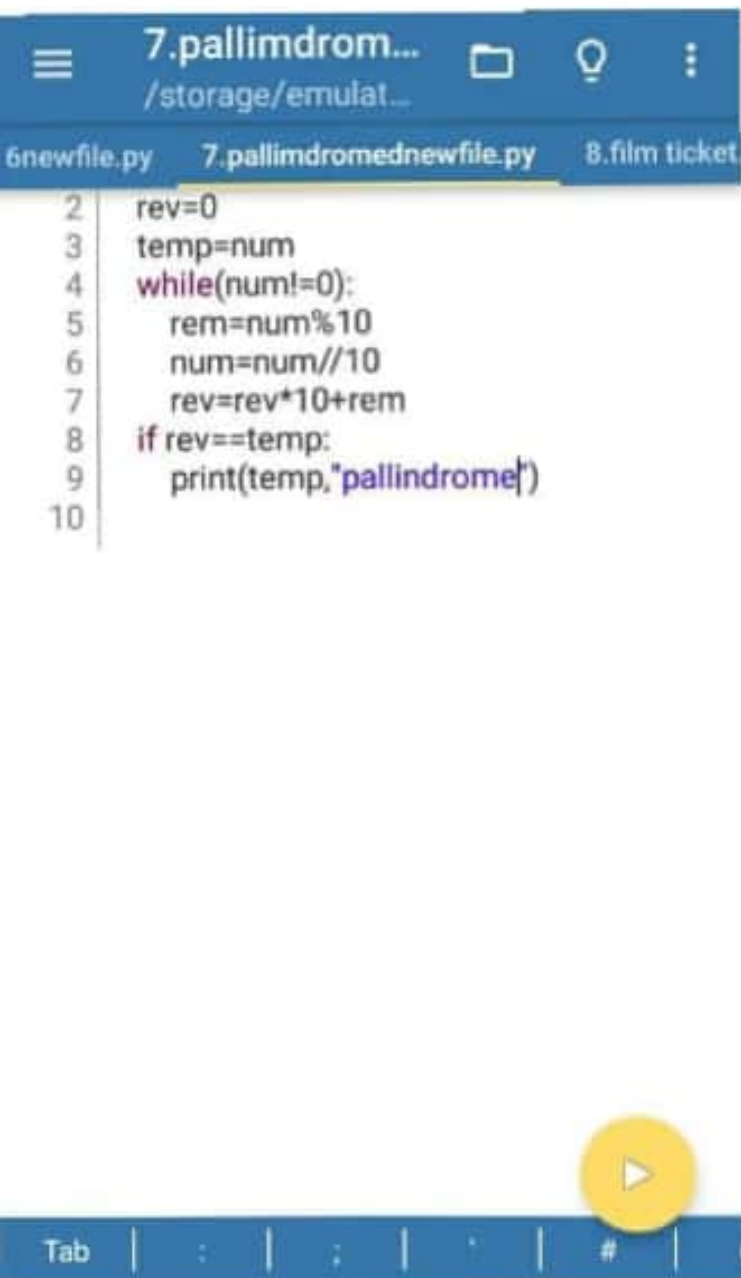
/storage/emulat...

mass.newfile.py11.steps.newfile.py6newfile.py

```
1 wt=int(input("enter the weight in
pounds="))
2 ht=int(input("enter the height in inches="))
3 W=wt*0.45359237
4 print(W)
5 H=ht*0.0254
6 print(H)
7 BMI=W/(H**2)
8 print(BMI)
9 if BMI<18.5:
10     print("underweight")
11 elif BMI<18.5 and BMI<25.0:
12     print("normal")
13 elif BMI>=25.0 and BMI<30.0:
14     print("overweight")
15 else:
16     print("obese")
17
18
19
```

Tab | : | ; | ' | #

```
enter the weight in pounds=30
enter the height in inches=50
[Program finished]
13.6077711
1.27
8.436834955669912
underweight
```



The screenshot shows a code editor with a blue header bar. The header bar contains a hamburger menu icon, the file name '7.pallimdrom...', a folder icon, a lightbulb icon, and a vertical ellipsis icon. Below the header bar, there are three tabs: '6.newfile.py', '7.pallimdromednewfile.py' (which is active), and '8.film ticket'. The code in the active tab is as follows:

```
2 rev=0
3 temp=num
4 while(num!=0):
5     rem=num%10
6     num=num//10
7     rev=rev*10+rem
8 if rev==temp:
9     print(temp,"pallindrome")
10
```

At the bottom of the editor, there is a yellow play button icon. Below the play button, there is a blue bar with the word 'Tab' and several icons: a colon, a semicolon, an apostrophe, a hash, and a circle.

1 pallindrome
2 pallindrome
3 pallindrome
4 pallindrome
5 pallindrome
6 pallindrome
7 pallindrome
8 pallindrome
9 pallindrome
11 pallindrome
22 pallindrome
33 pallindrome
44 pallindrome
55 pallindrome
66 pallindrome
77 pallindrome
88 pallindrome
99 pallindrome
101 pallindrome
111 pallindrome
121 pallindrome
131 pallindrome
141 pallindrome

11.steps.new...
/storage/emulat...
mass.newfile.py 11.steps.newfile.py 6newfile.py

```
1 H=int(input("height of well ="))
2 U=int(input("meters spider climbs in each
step="))
3 D=int(input("meters spider slips down in
each step="))
4 s=0
5 while H>=U:
6     s=s+1
7     H=H-(U-D)
8 s+=1
9 print("number of steps=",H)
```

```
height of well =50
meters spider climbs in each s
tep=5
meters spider slips down in ea
ch step=3
number of steps= 4

[Program finished]
```

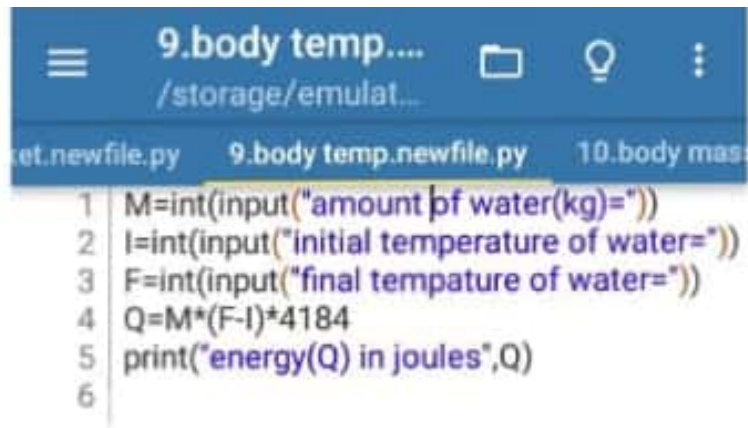
Tab



```
1 for i in range(1,100):  
2     if(i%3==0 and i%5==0):  
3         print("FRIZBUZZ")  
4     elif i%3==0:  
5         print("fizz")  
6     elif i%5==0:  
7         print("buzz")  
8     else:  
9         print(i)  
10
```

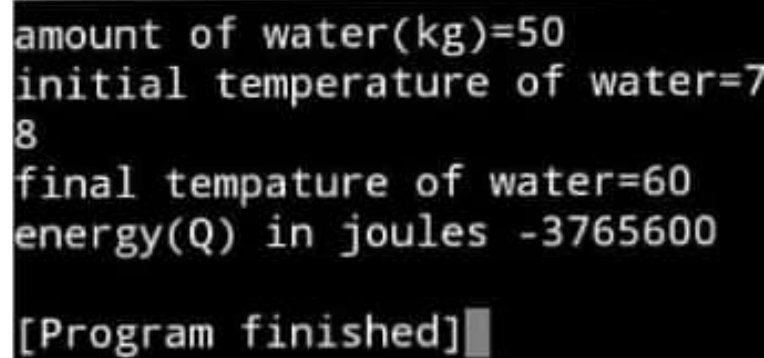


```
1  
2  
fizz  
4  
buzz  
fizz  
7  
8  
fizz  
buzz  
11  
fizz  
13  
14  
FRIZBUZZ  
16  
17  
fizz  
19  
buzz  
fizz  
22  
23
```

The screenshot shows a code editor with a blue header bar. The title bar reads "9.body temp...." and the address bar shows "/storage/emulat...". Below the header, there are three tabs: "et.newfile.py", "9.body temp.newfile.py" (which is selected), and "10.body mas:". The code in the editor is as follows:

```
1 M=int(input("amount of water(kg)="))
2 I=int(input("initial temperature of water="))
3 F=int(input("final tempature of water="))
4 Q=M*(F-I)*4184
5 print("energy(Q) in joules",Q)
6
```



The screenshot shows a terminal window with a black background and white text. The output of the program is as follows:

```
amount of water(kg)=50
initial temperature of water=7
8
final tempature of water=60
energy(Q) in joules -3765600

[Program finished]
```



Tab


```
8.film ticket....  
/storage/emulat...  
nednewfile.py 8.film ticket.newfile.py 9.body temp...  
1 seat=input("type of seat=")  
2 mode=input("payment mode")  
3 if mode in ("cash"):  
4     if seat in "stalls":  
5         c=625-(625*(10/100))  
6     elif seat in "circle":  
7         c=750-(750*(10/100))  
8     elif seat in "upper_class":  
9         c=850-(850*(10/100))  
10    else:  
11        c=1000-(1000*(10/100))  
12 else:  
13     if seat in "stalls":  
14         c=625-(625*(5/100))  
15     elif seat in "circle":  
16         c=750-(750*(5/100))  
17     elif seat in "upper_class":  
18         c=850-(850*(5/100))  
19     else:  
20         c=1000-(1000*(5/100))  
21 print("cost of ticket==",c)  
22  
23  
24  
25  
26  
27  
Tab
```

```
type of seat=circle  
payment mode cash  
cost of ticket== 712.5  
[Program finished]
```

2.distance an...

/storage/emulat...



1*

2.distance and weight newfile.py

3newfile

```
1 D=int(input("distance to be travelled=="))
2 W=int(input("weight of the goods=="))
3 if D>=500:
4     if W>=100:
5         A=5*D
6     elif W>=10 and W<100:
7         A=6*D
8     else:
9         A=7*D
10 else:
11     if W>=100:
12         A=8*D
13     else:
14         A=5*D
15 print("Amount to be charged=",A)
16
17
18
19
```

```
distance to be travelled==75
weight of the goods==3
Amount to be charged= 375

[Program finished]
```



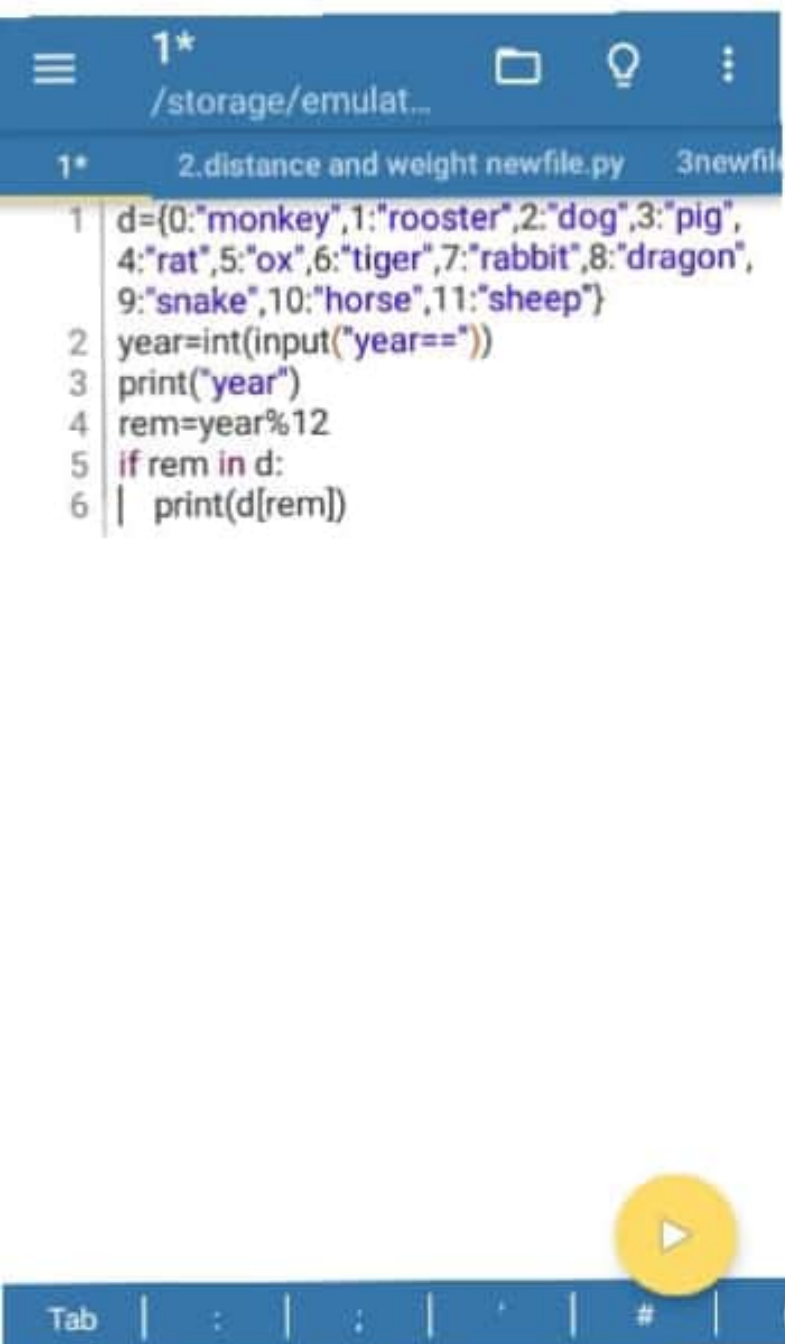
Tab

:

:

:

#



The screenshot shows a code editor with a blue header bar containing a menu icon, a file icon, a lightbulb icon, and a vertical ellipsis icon. The address bar shows the path `/storage/emulat...`. Below the header, there are three tabs: `1*`, `2.distance and weight newfile.py`, and `3.newfile`. The active tab `2.distance and weight newfile.py` contains the following Python code:

```
1 d={0:"monkey",1:"rooster",2:"dog",3:"pig",
2   4:"rat",5:"ox",6:"tiger",7:"rabbit",8:"dragon",
3   9:"snake",10:"horse",11:"sheep"}
4 year=int(input("year=="))
5 print("year")
6 rem=year%12
7 if rem in d:
8     print(d[rem])
```

At the bottom of the editor, there is a yellow circular play button icon. Below the editor, there is a blue bar with the text "Tab" and several vertical lines representing a tabbed interface.

```
year==2019
```

```
year
```

```
pig
```

```
[Program finished]
```