

Untitled

September 12, 2023

```
[1]: #WAP to print the ASCII values of characters in a string.  
ch=input("enter a character")  
print(ord(ch))
```

enter a character a

97

```
[2]: #WAP to calculate the sum of all even numbers from 1 to 100  
sum=0  
for i in range(0,101):  
    if i%2==0:  
        sum+=i  
print(sum)
```

2550

```
[3]: #WAP to print numbers in reverse order from n to 1  
number=int(input("enter the number"))  
for i in range(number,0,-1):  
    print(i)
```

enter the number 10

10
9
8
7
6
5
4
3
2
1

```
[4]: #WAP to determine if a number is Armstrong or not  
num=int(input("enter a number"))  
num1=num  
l = 0
```

```

temp = num
while num > 0:
    num//=10
    l+=1
res = 0
while temp > 0:
    res += (temp%10)**l
    temp //=10
print(res)
if res==num1:
    print("armstrong")
else:
    print("not an armstrong")

```

enter a number 1634

1634

armstrong

```

[5]: import time
seconds = int(input("How many seconds to count down? Enter an integer:"))

def countdown(t):
    while t > 0:
        print(t)
        t -= 1
        time.sleep(1)

countdown(seconds)

```

How many seconds to count down? Enter an integer: 10

10
9
8
7
6
5
4
3
2
1

[]: