

Project

- pythonProject2 C:\Users\kativ\PycharmProjects\pythonProject2
 - venv library root
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 - Scratches
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 - armstrong recursive.py
 - Binary search.py
 - copy the program non recursive.py
 - copy the program recursive.py
 - fact non recursive.py
 - fact recursive.py

```
1 def getsum(n):
2     if n==0:
3         return n
4     else:
5         return pow((n%10),order)+getsum(n//10)
6 n=int(input("enter a number: "))
7 order=len(str(n))
8 sum=getsum(n)
9 if(n==sum):
10     print(n,"is an armstrong number")
11 else:
12     print("not an armstrong number")
```

Run: armstrong recursive

C:\Users\kativ\PycharmProjects\pythonProject2\venv\Scripts\python.exe "C:/Users/kativ/AppData/Roaming/JetBrains/PyCharmCE2022.1/scratches/armstrong recursive.py"

enter a number: 153

153 is an armstrong number

Process finished with exit code 0