In [6]:
```
f = open("C:/Users/amrut/OneDrive/Desktop/amruth1.txt","r")
print(f.read())
```

```
amruth is good
amruth
dhulipalla
cse
```

In [7]:
```
f = open("C:/Users/amrut/OneDrive/Desktop/amruth1.txt","r")
n=int(input("enter the number of lines to be printed:"))
for am in range(n):
    print(f.readline())
```

```
enter the number of lines to be printed:2
amruth is good

amruth
```

In [8]:
```
f = open("C:/Users/amrut/OneDrive/Desktop/amruth1.txt","a")
f.write("these are python ")
f.close()
f = open("C:/Users/amrut/OneDrive/Desktop/amruth1.txt","r")
print(f.read())
```

```
amruth is good
amruth
dhulipalla
csethese are python
```

In [51]:
```
f = open("C:/Users/amrut/OneDrive/Desktop/evenodd.txt", "r")
string = f.read()
x = string.split()
even = []
odd = []
for i in range(0, len(x)):
       x[i] =int(x[i])
for a in x:
    if a%2 == 0:
        b = str(a)
        f = open("C:/Users/amrut/OneDrive/Desktop/even.txt", "a")
        f.write(b)
        f.write(" ")
        f.close()
    else:
        b = str(a)
        f = open("C:/Users/amrut/OneDrive/Desktop/odd.txt", "a")
        f.write(b)
        f.write(" ")
        f.close()

f = open("C:/Users/amrut/OneDrive/Desktop/even.txt", "r")
print(f.read())
f = open("C:/Users/amrut/OneDrive/Desktop/odd.txt", "r")
print(f.read())
```

```
2
4
6
8
10
12
14
16

2 4 6 8
3
5
9
7
1
19
17
15

1 3 5 7 9
```

In [47]:
```
f = open("C:/Users/amrut/OneDrive/Desktop/amruth1.txt", "r")
lines_count = 0
for line in f:
    lines_count = lines_count + 1

#NO. OF CHARACTERS

character = 0
f = open('C:/Users/amrut/OneDrive/Desktop/amruth1.txt', 'r')
lines = f.readlines()
mystr = '\t'.join([line.strip() for line in lines])
for x in mystr:
    character = character + 1

#NO. OF WORDS
word_count = str.split(mystr)

print("The file contains",lines_count,"lines,",character,"characters and",len(wor
```

```
The file contains 1 lines, 42 characters and 4 words.
```

In [32]:
```
sample25 = ["amruth","dhulipalla","VU21CSEN0100452","CSE-CORE"]
f = open("C:/Users/amrut/OneDrive/Desktop/amruth1.txt","w")
for word in sample25:
    f = open("C:/Users/amrut/OneDrive/Desktop/amruth1.txt","a")
    f.write(word)
    f.write(" ")
    f.close()
f = open("C:/Users/amrut/OneDrive/Desktop/amruth1.txt", "r")
print(f.read())
```

```
amruth dhulipalla VU21CSEN0100452 CSE-CORE
```

In [33]:
```
import pandas as pd
req = int(input("Enter required Age:"))
record = {

 'Name': ['Ammu', 'dhulipalla', 'Amruth', 'samantha', 'Pinky', 'Suraj' ],
 'Age': [28, 15, 25, 16, 19, 29]}

dataframe = pd.DataFrame(record, columns = ['Name', 'Age'])
amruth_df = dataframe[dataframe['Age'] >= req]

print(amruth_df)
```

```
Enter required Age:19
     Name  Age
0    Ammu   28
2  Amruth   25
4   Pinky   19
5   Suraj   29
```

In [39]:
```
import pandas as pd
record = {
 'Name': ['Amiit', 'Raju', 'Akshith', 'Priy', 'Priyam', 'Surajanth' ],
 'Occupation': ['Doctor', 'Lawyer','Police', 'Dentist', 'Tattoo Artist', 'Teacher
 'Salary': [150,120,60,84,40,35],}

dataframe = pd.DataFrame(record, columns = ['Name', 'Occupation', 'Salary'])
amruth_df = dataframe['Salary']
mean = dataframe["Salary"].mean()
print("The average salary is",mean)
```

```
The average salary is 81.5
```

In [36]:
```
import json
hy = {"name": "amruth dhulipalla","age": 18 ,"city": "Visakhapatanam"}
yeo = json.dumps(hy)
print(yeo)
```

```
{"name": "amruth dhulipalla", "age": 18, "city": "Visakhapatanam"}
```

In [38]:
```
import pandas as pd
columns = [1]

df = pd.read_csv('C:/abc.csv',usecols = columns)
print(df)
```

```
      name
0    varsh
1   amruth
2  prajwal
3     amit
4    heshu
```

In [ ]:
```

```