Annalysis

Import dependencies

In [30]:

```python
import pandas as pd
from matplotlib import pyplot as plt
```

Annalysis

In [31]:

```python
# Obtainig data from children CSV file
sample_data_t1 = pd.read_csv('coords_yaw.csv')
```

In [32]:

```python
sample_data_t1
```

Out[32]:

	Frame	t1_pitch	t1_yaw	t1_roll
0	1	-2.880598	11.458302	2.612707
1	2	-6.223132	11.072834	2.519756
2	3	-6.364385	11.263475	2.535877
3	4	-6.555845	10.171640	2.449347
4	5	-6.258083	10.592772	2.467663
...	...	...	...	...
281	282	-7.578289	11.762835	2.538974
282	283	-7.231529	12.057217	2.534375
283	284	-7.552544	12.152518	2.565266
284	285	-9.013987	11.823394	2.601949
285	286	-8.010210	11.290975	2.534831

286 rows × 4 columns

Yaw Pitch roll plots

In [33]:

```python
plt.plot(sample_data_t1.t1_yaw)
plt.plot(sample_data_t1.t1_pitch)
plt.plot(sample_data_t1.t1_roll)
plt.legend(['yaw','pitch','roll'])


plt.title("yaw, picth and roll")
plt.show()
```