```python
1  __author__ = 'Geoffrey Nyaga'
2
3  import sys
4  sys.path.append('../')
5  from API.db_API import write_to_db
6
7
8  # Range = float(input ('enter the value of range(in km)  ') )
9  # propEff = float(input ('enter the value of propeller efficiency(0.8-0.85)  ') )
10 # AR= float(input ('enter the value of aspect ratio (5-9)  ') )
11 # pax= int(input ('enter the number of passengers  ') )
12 # crew= int(input ('enter the number of pilots  '))
13
14 Range = 800 #km
15 propEff = 0.7
16 AR = 7.5
17 pax = 2
18 crew= 2
19
20 write_to_db('Range',Range)
21 write_to_db('propEff',propEff)
22 write_to_db('AR',AR)
23 write_to_db('pax',pax)
24 write_to_db('crew',crew)
25
26 ceiling = 15000 #ft
27 maxSpeed = 150 #knots
28 takeOffRun = 1200 #ft
29 stallSpeed = 61
30 rateOfClimb = 5 #m/s
31
32
33 write_to_db('ceiling',ceiling)
34 write_to_db('maxSpeed',maxSpeed)
35 write_to_db('takeOffRun',takeOffRun)
36 write_to_db('stallSpeed',stallSpeed)
37 write_to_db('rateOfClimb',rateOfClimb)
38
39 cruise_altitude = 10000
40 write_to_db('cruise_altitude',cruise_altitude)
```