

1. experimental results on hypersonic viscous interaction

```
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$ python3 A2-3.py
experimental results on hypersonic viscous interaction
292,974,970,410,571,327,257,27,346,1289,334,
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$
```

2. properties of impact pressure probes in free molecule flow

```
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$ python3 A2-3.py
properties of impact pressure probes in free molecule flow
4,1085,776,775,395,394,243,386,608,327,1084,
```

3. manufacturing and maintenance of ideally sharp leading edges and noses is practically impossible

```
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$ python3 A2-3.py
manufacturing and maintenance of ideally sharp leading edges and noses is practically impossible
571,212,760,38,519,202,433,343,364,275,1135,
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$
```

4. why does the compressibility transformation fail to correlate the high speed data for helium and air

```
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$ python3 A2-3.py
406,356,1012,239,303,534,503,616,617,622,618,
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$
```

5. can increasing the edge loading of a plate beyond the critical value for buckling change the buckling mode

```
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$ python3 A2-3.py
1178,916,643,723,68,765,848,545,169,1323,847,
(nlTK1) shreyasi@shreyasi-HP-Notebook:~/AIR/A4$
```