

QUIZ 5

COMP9021 PRINCIPLES OF PROGRAMMING

```
$ python3 quiz_5.py
Enter two capitalised strings of letters: A
Incorrect input, leaving it there.
$ python3 quiz_5.py
Enter two capitalised strings of letters: A ab
Incorrect input, leaving it there.
$ python3 quiz_5.py
Enter two capitalised strings of letters: A AB
Incorrect input, leaving it there.
$ python3 quiz_5.py
Enter two capitalised strings of letters: A Ab
Enter two integers between 1947 and 2021: 1946 2020
Incorrect input, leaving it there.
$ python3 quiz_5.py
Enter two capitalised strings of letters: Abc Abc
Enter two integers between 1947 and 2021: 2000 2000
No name was given as both female and male names.
$ python3 quiz_5.py
Enter two capitalised strings of letters: A Ab
Enter two integers between 1947 and 2021: 1960 1970
Here are the names that were given as both
female and male names, for the smallest difference
of ratio as a female name over all female names
and ratio as a male name over all male names,
for the years when that happened:
  Abby in 1960, for ratios of
    - 0.01192% as a female name,
    - 0.00028% as a male name.
```

```
$ python3 quiz_5.py
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```
Enter two capitalised strings of letters:      Si      Tuv
```

```
Enter two integers between 1947 and 2021: 1950  1950
```

```
Here are the names that were given as both  
female and male names, for the smallest difference  
of ratio as a female name over all female names  
and ratio as a male name over all male names,  
for the years when that happened:
```

```
Tomie in 1950, for ratios of  
- 0.00035% as a female name,  
- 0.00039% as a male name.
```

```
$ python3 quiz_5.py
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```
Enter two capitalised strings of letters:      Pau      Carr
```

```
Enter two integers between 1947 and 2021:      2021      1983
```

```
Here are the names that were given as both  
female and male names, for the smallest difference  
of ratio as a female name over all female names  
and ratio as a male name over all male names,  
for the years when that happened:
```

```
Kimani in 2003, for ratios of  
- 0.00203% as a female name,  
- 0.00203% as a male name.
```