

## QUIZ 5

### COMP9021 PRINCIPLES OF PROGRAMMING

```
$ python3
```

```
...
```

```
>>> from quiz_5 import *
```

```
>>> analyse('F', 43)
```

The following might particularly contribute to cardio problems for females aged 43:

- 17.88: Diastolic blood pressure in category 4 (1 lowest, 5 highest)
- 12.46: Systolic blood pressure in category 1 (1 lowest, 5 highest)
- 9.98: Diastolic blood pressure in category 3 (1 lowest, 5 highest)
- 8.53: Cholesterol in category 3 (1 lowest, 3 highest)
- 3.99: Diastolic blood pressure in category 2 (1 lowest, 5 highest)
- 3.25: Diastolic blood pressure in category 5 (1 lowest, 5 highest)
- 2.44: Height in category 5 (1 lowest, 5 highest)
- 2.11: Glucose in category 3 (1 lowest, 3 highest)
- 2.09: Weight in category 4 (1 lowest, 5 highest)
- 2.09: Systolic blood pressure in category 5 (1 lowest, 5 highest)
- 1.79: Systolic blood pressure in category 4 (1 lowest, 5 highest)
- 1.60: Cholesterol in category 2 (1 lowest, 3 highest)
- 1.43: Glucose in category 2 (1 lowest, 3 highest)
- 1.35: Not being active
- 1.25: Weight in category 3 (1 lowest, 5 highest)
- 1.20: Systolic blood pressure in category 2 (1 lowest, 5 highest)
- 1.03: Height in category 2 (1 lowest, 5 highest)
- 1.03: Height in category 3 (1 lowest, 5 highest)
- 1.02: Not smoking
- 1.01: Drinking

```
>>> analyse('M', 58)
```

The following might particularly contribute to cardio problems for males aged 58:

- inf: Diastolic blood pressure in category 4 (1 lowest, 5 highest)
- 7.35: Weight in category 5 (1 lowest, 5 highest)
- 4.63: Diastolic blood pressure in category 3 (1 lowest, 5 highest)
- 2.93: Systolic blood pressure in category 4 (1 lowest, 5 highest)
- 2.52: Weight in category 4 (1 lowest, 5 highest)
- 2.49: Diastolic blood pressure in category 2 (1 lowest, 5 highest)
- 2.27: Systolic blood pressure in category 3 (1 lowest, 5 highest)
- 2.16: Cholesterol in category 3 (1 lowest, 3 highest)
- 1.96: Systolic blood pressure in category 5 (1 lowest, 5 highest)
- 1.86: Weight in category 3 (1 lowest, 5 highest)
- 1.63: Diastolic blood pressure in category 5 (1 lowest, 5 highest)
- 1.62: Height in category 2 (1 lowest, 5 highest)
- 1.55: Height in category 1 (1 lowest, 5 highest)
- 1.46: Cholesterol in category 2 (1 lowest, 3 highest)
- 1.40: Glucose in category 2 (1 lowest, 3 highest)
- 1.33: Not being active
- 1.18: Glucose in category 3 (1 lowest, 3 highest)
- 1.04: Drinking
- 1.02: Smoking