

WORKBOOK ANSWERS

September 12, 2020

1 PYTHON VARIABLE NAMES WORKBOOK ANSWERS

Remember, there are different ways to write code to get the same answer, so your answer can be correct and different to the answer example!

If you feel stuck and want some in person help, then have a look at the events page to join in a workshop <https://swamphen.co.uk/events>.

2 TRY SETTING SOME VARIABLE NAMES

```
In [ ]: # choose a variable name for your age and give it a value
my_age = 41
```

```
In [ ]: # choose a variable name for the age of someone in your family
# and give it a value try using snake case
husband_age = 41
```

```
In [ ]: # choose a variable name for your favourite type of animal and give
# it a value remember to use ' ' around the text
my_fav_animal = 'swamphen'
```

3 CALCULATE THE VOLUME OF A BOX YOU CAN SEND THROUGH ROYAL MAIL AS A SMALL PARCEL

The dimensions of a small parcel on Royal Mail are: width: 35 cm length: 45 cm depth: 16 cm

```
In [ ]: # choose a variable name for the width of the box and give it its value
width = 35
```

```
In [ ]: # choose a variable name for the length of the box and give it its value
length = 45
```

```
In [ ]: # choose a variable name for the depth of the box and give it its value
depth = 16
```

```
In [ ]: # calculate the volume of the box in cm3
small_parcel_vol = width * length * depth
print(small_parcel_vol)
```

```
In [ ]: # how would you change your variable names if you then had to
        # calculate the volume of a medium parcel as well?
        width_small = 35
        width_medium = 46
```