**Worksheet 1a: Data types**

1. Complete the following table:

|  |  |  |
| --- | --- | --- |
| **Data Type** | **Description** | **Example** |
| Integer | A whole number |  |
| Float |  | 3.14 |
|  | A piece of text | “Elephant” |

1. Use this pseudocode algorithm to create a working Python program to split a restaurant bill

Print "Welcome to the meal price splitter"  
value 🡨 Input "How many people need to pay? "  
people 🡨 int(value)  
value 🡨 Input "How much was the bill? "  
bill 🡨 float(value)  
priceEach 🡨 str(bill/people)  
Print "Each person should pay " + priceEach

1. This program doesn’t work correctly. Use your knowledge of casting and data types to try and fix it.

age = input("How old are you in years? ")  
months = age\*12  
days = age\*365  
  
print("You are around " + months + " months old.")  
print("You are around " + days + " days old.")