

## 01\_intro.py

```
# How did you find making webpages/  
# micro:bit apps last week?  
#  
# What do you need more help with?  
#  
# Do you have an idea for a webpage  
# you could make and show us  
# or publish?  
  
print("Hello world")
```

## 02\_input.py

```
# Remember to use Mu mode "Python 3", not "Micro:bit"  
# This line is a comment, you dont have to type these  
  
print("Enter your name:")  
x = input()  
print("Hello", x)  
if x == "richard":  
    print("That is a very cool name")  
  
# TODO: add names and messages for some of your  
# friends
```

## 03\_input2.py

```
# IMPROVEMENT: use "elif" and "else" clauses

print("Enter your name:")
x = input()
print("Hello", x)
if(x == "richard"):
    print("That is a very cool name")
elif(x == "nick"):
    print("That is a rubbish name")
else:
    print("I do not know your name", x)
```

## 04\_maths\_question.py

```
import random

n = random.randint(0, 10)

print("What is", n, "plus 7?")
g = int(input()) # why do we use int() here?
if g == n + 7:
    print("correct")
else:
    print("wrong")

# TODO:
# add some more questions, e.g.
# instead of 7, use another random number
# use a bigger random number
# multiply or divide or subtract numbers
# print how many questions the player
# got correct at the end.
```

## 05\_maths\_question2.py

```
score = 0

print("What is 1+1")
g = int(input())
if g == 2:
    print("correct")
    score = score + 1

print("What is 35-25")
g = int(input())
if g == 10:
    print("correct")
    score = score + 1

print("Your score:", score)
```

## 06\_loop.py

```
import random

n=random.randint(0,10)

while True:
    print("I am thinking of a number, can you guess it?")
    g = int(input())
    if(g == n):
        break
    else:
        print("wrong")
print("correct!")

#TODO:
# give a hint to the player when they are wrong
# print how many guesses at the end
```

```
import random

n=random.randint(0,100)
guesses=0

while True:
    guesses=guesses+1
    print("I am thinking of a number, can you guess it?")
    g = int(input())
    if(g == n):
        break
    elif(g < n):
        print("too low")
    elif(g > n):
        print("too high")
print("correct! you took", guesses, "guesses")
```