

KlickerQuestions

April 9, 2024

What will the following code print?

```
[3]: class Hobbit:
    def __init__(self, name:str):
        self.name = name
    def __add__(self, b):
        return f'{self.name} and {b.name}'

h1 = Hobbit("Pippin")
h2 = h1
h2.name = "Merry"

print(h1 + h2)
```

Merry and Merry

What will the following code print?

```
[2]: mystring = "hello"

def foo():
    global mystring
    mystring = "world"

def bar():
    def inner():
        mystring = "earth"
    inner()
    print(mystring)

foo()
bar()
```

world

What will the following code print?

```
[1]: try:
    from collections import defaultdict
```

```

    d = defaultdict(int)
    print(d["key"])
except KeyError:
    print("KeyError")
else:
    print("Else")
finally:
    print("Finally")

```

0
Else
Finally

```

[ ]: import sys
import argparse

def parse_args() -> argparse.Namespace:
    parser = argparse.ArgumentParser(description="Uppercase 'num_lines' lines_
↳from 'input' and write to 'output'.".")
    parser.add_argument("input", type=argparse.FileType('r'), help="Input File")
    parser.add_argument("num_lines", type=int, help="Number of lines to_
↳process")
    parser.add_argument("-o", "--output", type=argparse.FileType('w'),_
↳default=sys.stdout, help="Output File")
    args = parser.parse_args()
    return args

def main():
    args = parse_args()
    for i, line in enumerate(args.input):
        if i == args.num_lines:
            break
        args.output.write(line.upper())

if __name__ == "__main__":
    main()

```