

University College Dublin  
MIS3011S Introduction to Programming  
Practical 8

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1. What is the output of the following Python code?

```
full_stock = 976
current_stock = full_stock
current_stock -= 34
print(full_stock)
```

2. What is the output of the following Python code?

```
featured_brand = "Sony"
brands = [featured_brand, "Canon", "Nikon", "Fujifilm"]
featured_brand = "Fujifilm"
print(brands)
```

3. What is the output of the following Python code?

```
root_vegetables = ["turnip", "carrot", "potato"]
vine_fruits = ["kiwi", "grape", "tomato"]
produce = root_vegetables + vine_fruits
del root_vegetables[1]
print(produce)
```

4. What is the output of the following Python code?

```
travel_plans = ["Mexico", "USA", "Panama", "Cuba"]
current_trip = travel_plans
while len(current_trip) > 0:
    print("Visiting", current_trip.pop())
print("Countries left to visit:", travel_plans)
```

5. What is the output of the following Python code?

```
digits = [*range(10)]
lucky_number = digits[5]
digits = digits[1:-1]
print(lucky_number)
```

6. What is the output of the following Python code?

```
operations = ["/", "**", "+", "-", "*", "/"]
basic_operations = operations[2:]
operations.pop()
operations.pop()
print(basic_operations)
```

7. What is the output of the following Python code?

```
codes = [351, 32, 353, 33]
new_codes = codes
codes.append(1)
print(new_codes)
```

8. What is the output of the following Python code?

```
codes = [351, 32, 353, 33]
new_codes = list(codes)
codes.append(1)
print(new_codes)
```

9. What is the output of the following Python code?

```
codes = [351, 32, 353, 33]
new_codes = codes
codes = codes[:2]
print(new_codes)
```

10. What is the output of the following Python code?

```
codes = [351, 32, 353, 33]
new_codes = codes
del codes[2]
print(new_codes[2])
```

11. What is the output of the following Python code?

```
codes = [351, 32, 353, 33]
new_codes = codes
del codes[2]
try:
    print(new_codes[3])
except:
    print("Code does not exist.")
```

12. What is the output of the following Python code?

```
codes = [351, 32, 353, 33]
new_codes = codes[:]
del codes[2]
try:
    print(new_codes[3])
except:
    print("Code does not exist.")
```