

#1

```
import random
```

```
def roll_die_simulation():
```

```
    rolls = 20 # Number of rolls
```

```
    six_count = 0 # Count of 6s
```

```
    one_count = 0 # Count of 1s
```

```
    consecutive_sixes = 0 # Count of two  
consecutive 6s
```

```
    # Variable to track the previous roll
```

```
    previous_roll = None
```

```
    for _ in range(rolls):
```

```
        roll = random.randint(1, 6) # Simulate  
a roll (1 to 6)
```

```
        # Count the occurrences of 6 and 1
```

```
        if roll == 6:
```

```
        six_count += 1
    elif roll == 1:
        one_count += 1

    # Check for consecutive 6s
    if roll == 6 and previous_roll == 6:
        consecutive_sixes += 1

    # Update the previous roll
    previous_roll = roll
```

```
# Print the results
print(f"Total rolls: {rolls}")
print(f"Number of times you rolled a 6:
{six_count}")
print(f"Number of times you rolled a 1:
{one_count}")
print(f"Number of times you rolled two
6s in a row: {consecutive_sixes}")
```

```
# Call the function
```

```
roll_die_simulation()
```