lab 1

1 - apples_groups

```
N = int(input("Enter the total number of apples: "))

groups = N // 7
remaining_apples = N % 7

print(f"{groups} groups will contain exactly 7 apples, and {remaining_apples}
apples will remain.")
```

2 - calculate_trays_needed

```
def calculate_trays_needed(X, Y):
    N = (X + Y - 1) // Y
    return N
X = 25
Y = 6
print(f"Number of trays needed to hold {X} glasses with {Y} glasses per tray:
{calculate_trays_needed(X, Y)}")
```

3 - one-digit_numbers

```
units = int(input("Enter 1 digit units : "))
tens = int(input("Enter 1 digit tens : "))
hundreds = int(input("Enter 1 digit hundreds : "))


if 0 <= units <= 9 and 0 <= tens <= 9 and 0 <= hundreds <= 9:

    number = hundreds * 100 + tens * 10 + units
    print(f"The number: {number}")
```

```
else:
    print("Please enter valid one-digit numbers.")
```