ชินวัตร นาไชยธง
65090500408

lab11_1.py

```python
def hello_to_my_friend(name: str):
    if name.capitalize() in ["Jeff", "Jack", "Jim"]:
        print(f"Hello, {name.capitalize()}. Good morning my friend!")
    else:
        print("Who are you?", f"Nice to meet you anyway ... {name.capitalize()} :).",
sep="\n")


name_input = input("What is your name?:")
hello_to_my_friend(name_input)

```

```
What is your name?:mon
Who are you?
Nice to meet you anyway ... Mon :).
```

lab11_2.py

```python
def calculate_salary(work, rate):
    ot_time = work - 40
    if ot_time > 0:
        salary = 40 * rate
        salary += ot_time * rate * 1.5
        return salary
    return work * rate


work_hour = float(input("How many hours did you work last week?"))
rate_per_hour = float(input("What is your pay rate per hour(between 10-25)"))
print(calculate_salary(work_hour, rate_per_hour))

```

```
How many hours did you work last week?5.0
What is your pay rate per hour(between 10-25)30.0
150.0
```

lab11_3.py

```python
def is_prime(number):
    if number <= 1:
        return ""
    for i in range(2, number):
        if number % i == 0:
            return ""
    return "This is prime number"


n = int(input("Enter a number to test:"))
print(is_prime(n))

```

```
Enter a number to test:11
This is prime number
```

lab11_4.py

```python
def create_list(iter):
    num_list = [float(input()) for _ in range(iter)]
    print("The enter list is ", num_list)
    return num_list


def find_min_max(num_list):
    return f"The maximum number entered is {max(num_list)} \nThe mininum number entered is {min(num_list)}"


n = int(input("Enter number of elements : "))
numbers = create_list(n)
print(find_min_max(numbers))

```

```
Enter number of elements : 3
The enter list is  [-8.0, 2.5, 67.0]
The maximum number entered is 67.0
The mininum number entered is -8.0
```