

ASSESSMENT REPORT

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Code & Course	: DFP40203 PYTHON PROGRAMMING	Programme	: DDT 6A
Lecturer	: Mohd Azlan	Week (Date)	: W3 (18.02.24 – 24.02.24)
Laboratory Exercise (s)	: <u>1</u> / 2 / 3 / 4 [CLO: CLO01]	Submission Date	: 19.02.2024

Program Code

q1A.py

```
for i in range (20, 41):
    print(f"The square od {i} is: {i*i}")
```

```

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\ANEESA\OneDrive\Desktop\Python> & C:/Users/ANEESA/AppData/Local/Programs/Python/Python39/python.exe c:/Users/ANEESA/OneDrive/Desktop/Python/LabExercise1/q1A.py
The square od 20 is: 400
The square od 21 is: 441
The square od 22 is: 484
The square od 23 is: 529
The square od 24 is: 576
The square od 25 is: 625
The square od 26 is: 676
The square od 27 is: 729
The square od 28 is: 784
The square od 29 is: 841
The square od 30 is: 900
The square od 31 is: 961
The square od 32 is: 1024
The square od 33 is: 1089
The square od 34 is: 1156
The square od 35 is: 1225
The square od 36 is: 1296
The square od 37 is: 1369
The square od 38 is: 1444
The square od 39 is: 1521
The square od 40 is: 1600
PS C:\Users\ANEESA\OneDrive\Desktop\Python>

```

q1B.py

```
total_sum = 0

# Loop through numbers from 50 to 100 (inclusive)
for num in range(50, 101):
    total_sum += num

# Print the total sum
print(f"The sum of all numbers from 50 to 100 is: {total_sum}")
```

```

The sum of all numbers from 50 to 100 is: 3825
PS C:\Users\ANEESA\OneDrive\Desktop\Python>

```

q2.py

```
username = 'Aneesa'

password = 'Aneesa_00'

userInput = input("What is your username?\n")

if userInput == username:
```

```
a=input("Password?\n")
if a == password:
    print("You have logged into the system.")
else:
    print("That is the wrong password.")
else:
    print("That is the wrong username.")
```

```
What is your username?
Aneesa
Password?
Aneesa_00
You have logged into the system.
PS C:\Users\ANESSA\OneDrive\Desktop\Python> [
```

q3.py

```
carPrice = 90000
interestRate = 0.027
monthInYear = 12
downPayment = float(input("Plase enter your downpayment: "))
loan_period_years = int(input("How long you want to make a loan in year(1 to 9 years only):"))

min_down_payment = carPrice * 0.10

if downPayment < min_down_payment:
    print("You are eligible for the bank loan.")

else:
    loan_amount = carPrice - downPayment
    total_interest = interestRate * loan_amount * loan_period_years
    totalLoanAmount = loan_amount + total_interest

    loan_period_month = loan_period_years * monthInYear
    monthly_installment = totalLoanAmount / loan_period_month

    print("You need to pay RM", round(monthly_installment, 2), "monthly as your monthly payment.")
```

```
Plase enter your downpayment: 10000
How long you want to make a loan in year(1 to 9 years only):9
You need to pay RM 920.74 monthly as your monthly payment.
PS C:\Users\ANESSA\OneDrive\Desktop\Python> [
```