

Revision (1)

Question 1

- a) Write a python program by using if function to display the following messages:

Accept a person age as floating type, only if your age is 50 and above, you are entitled to get senior citizen ticket, print "Senior Citizen Ticket: RM15.00" otherwise print "Normal Ticket: RM28.00"

- b) Write a python program by using if function to calculate overtime allowance and display the answer:

Accept 2 numeric numbers input (hour work and basic salary) as integer type, only if Hour work is more than or greater than 50 hours, you are entitled to claim 20% allowance based on your basic salary, otherwise 12% is allocated for the allowance.

- c) Write a python program by using if-elif function for the following conditions:

You are asked to create a simple program for Vivi Bakery. They are selling Buns, Cakes and Loaf Breads, following is the charges for each per unit: Buns (RM1.50), Cakes (RM6.5), Loaf Breads(RM3.5).

Your program will accept a string input for "Enter your selection:" and a numeric input for "Enter your amount:". The string input should not be case sensitive. If the user key in the wrong input, message "Wrong Input, Please try again" will be display. The program will be able to calculate and print the total.

Start-up code:

```
print("""  
Vivi Bakery  
[B]uns  
[C]akes  
[L]oaf Breads  
""")
```

Continue your answer here:

Question 2

- a) Use while function to create the following:

Display odd number from 35 to 60

- b) Display even number from 68 to 45

- c) Display number from 45 to 75, increase by 3. Calculate and display the total and average.

- d) Write a Python program to create the multiplication table (from 1 to 10) of a number.

Expected Output:

```
Input a number: 6
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
```

Revision (2)

Please state the output from the following codes:

a)

```
n = 18
total = 0
while n <=35:
    total += (n/2)
    print(total)
    n += 2
```

b)

```
n = 18
total = 0
while n <=35:
    total += n
    print(total * 1.25)
    n += 3
```

c)

```
n = 40
total = 2
while n >=25:
    total += n
    print(total)
    n -= 3
```

d)

```
n = 4
```

```
while n <=25:
    n *= 1.5
    print(n)
```

e)

n = 12

while n <=30:

print(n)

n *= 1.8

print(n)

f)

n = 12

cnt = total = 0

while n <=30:

n *= 2.2

total += n

cnt += 1

average = total/cnt

print("Total:", "{:.2f}".format(total))

print("Average:", "{:.2f}".format(average))

Revision (3)

Identify the following errors and make correction:

a)

```
num1 = input("Enter first number:")  
num1 = input("Enter second number:")
```

```
print("Total:", num1 + num2)  
print("Average:", num1 + num2/2)
```

b)

```
name = input("Enter your name:")
```

```
n = name.uppercase
```

```
print(name)
```

c)

```
import ra  
num1 = random.randint(1 - 6)  
num2 = random.range(6) + 1
```

```
total = num1 + num2
```

```
print("Number 1:", n1)  
print("Number 2:", n2)  
print("Total:", total)
```

d)

```
a = (input("Enter a number:"))  
if(a 10):  
    print("Value of 'a' is greater than 10")  
else  
    print("Value of 'a' is less than or equal to 10")
```

e)

```
snumber = {}
```

```
number = input("Please enter numbers:").(",")
```

```
snumber = number
```

```
total = i = 0
```

```
while i < length(snumber):
```

```
    print(snumber[i])
```

```
    total += (snumber[i])
```

```
    i += 1
```

```
print("Total:", total)
```

```
print("Average:", total/i)
```