



اَوْنُوْزْ سِيْطِيْ تِيْكَوْ لُوْ كِيْ مَارَا
UNIVERSITI
TEKNOLOGI
MARA

CSC 099

INDIVIDUAL ASSIGNMENT

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CLASS: PI009E20

LECTURER NAME: MADAM NURHILYANA BINTI ANUAR

Menuscreen

```
Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit
```

Figure 1 : Main Screen

```
Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> 0

INVALID INPUT!!! PLEASE RE-ENTER....

Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> _
```

Figure 2: Menuscreen with invalid value

Method 1:

```
Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> 1

Description method 1 :
    For this method it will be calculated by using formula:

        Annual Gross Salary*2.5 percent
Annual gross salary for 2019 including bonus/dividen/royalty/etc :>> RM-22627272

        Negative Value!!

Annual gross salary for 2019 including bonus/dividen/royalty/etc :>> RM300000
```

Figure 3: Negative salary

```
Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> 1

Description method 1 :
    For this method it will be calculated by using formula:

        Annual Gross Salary*2.5 percent
Annual gross salary for 2019 including bonus/dividen/royalty/etc :>> RM30000

Amount Zakat of Income per annum = RM 750.00
Amount zakat of Income monthly deduction is RM 62.50

Do you want to print the statement? If YES (Press 1) >> 1

        Welcome...
        Pusat Zakat Negeri Selangor

Zakat of Income Statement

Monthly zakat deduction is 62.50
Amount Zakat per annum is 750.00

        THANK YOU!!!

Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >>
```

Figure 4: Print statement

```
Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> 1

Description method 1 :
    For this method it will be calculated by using formula:
        Annual Gross Salary*2.5 percent
Annual gross salary for 2019 including bonus/dividen/royalty/etc :>> RM30000

Amount Zakat of Income per annum = RM 750.00
Amount zakat of Income monthly deduction is RM 62.50

Do you want to print the statement? If YES (Press 1) >> 0

Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> █
```

Figure 5: No print statement

Method 2:

[illegible]

Figure 6: Negative salary input

[illegible]

Figure 7: Invalid marital value

[illegible]

Figure 8 : Invalid number of wives

```

Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> 2

Description method 2 :
    For this method it will be calculated by using formula :

        Annual Gross Salary - Total Expenses * 2.5 percent
Annual gross salary for 2019 including bonus/dividen/royalty/etc :>> RM300000

Are you married? Press 1 (YES) / 0 (NO)>> 1
How many your wife? >> 1
How many kid(s)? >> 2
How much money you give to your parent monthly? >> RM 500
How much you deposit to Lembaga Tabung Haji per year? >> RM 2400

DESCRIPTION ON TOTAL EXPENSES
OWN                : RM 8000.00
WIFE               : RM 3000.00
KID (S)           : RM 2000.00
PARENT (PER ANNUM) : RM 6000.00
EPF-11 percent    : RM 33000.00
DEPOSIT (TABUNG HAJI) : RM 2400.00
TOTAL EXPENSES (ALLOWED) : RM 54400.00
Your nett income after deduction is RM 245600.00

Amount Zakat of Income per annum is RM 6140.00
Amount Zakat of Income monthly deduction is RM 511.67

Do you want to print the statement? If YES (Press 1) >> 1

Welcome...
Pusat Zakat Negeri Selangor

Zakat of Income Statement

Monthly zakat deduction is 511.67
Amount Zakat per annum is 6140.00

THANK YOU!!!
Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >>

```

Figure 9 : Have wife and print statement

```
Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> 2

Description method 2 :
    For this method it will be calculated by using formula :

        Annual Gross Salary - Total Expenses * 2.5 percent
Annual gross salary for 2019 including bonus/dividen/royalty/etc :>> RM30000

Are you married? Press 1 (YES) / 0 (NO)>> 1
How many your wife? >> 1
How many kid(s)? >> 2
How much money you give to your parent monthly? >> RM 500
How much you deposit to Lembaga Tabung Haji per year? >> RM 2400

DESCRIPTION ON TOTAL EXPENSES
OWN                : RM 8000.00
WIFE               : RM 3000.00
KID (S)           : RM 2000.00
PARENT (PER ANNUM) : RM 6000.00
EPF-11 percent    : RM 3300.00
DEPOSIT (TABUNG HAJI) : RM 2400.00
TOTAL EXPENSES (ALLOWED) : RM 24700.00
Your nett income after deduction is RM 5300.00

Amount Zakat of Income per annum is RM 132.50
Amount Zakat of Income monthly deduction is RM 11.04

Do you want to print the statement? If YES (Press 1) >> 0

Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> _
```

Figure 10 : Have wife without print statement

Calculator Zakat of Income

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> 2

~~~~~  
Description method 2 :

For this method it will be calculated by using formula :

Annual Gross Salary - Total Expenses \* 2.5 percent

Annual gross salary for 2019 including bonus/dividen/royalty/etc :>> RM30000

Are you married? Press 1 (YES) / 0 (NO)>> 0

How many kid(s)? >> 2

How much money you give to your parent monthly? >> RM 500

How much you deposit to Lembaga Tabung Haji per year? >> RM 2400

DESCRIPTION ON TOTAL EXPENSES

OWN : RM 8000.00

WIFE : RM 0.00

KID (S) : RM 2000.00

PARENT (PER ANNUM) : RM 6000.00

EPF-11 percent : RM 3300.00

DEPOSIT (TABUNG HAJI) : RM 2400.00

TOTAL EXPENSES (ALLOWED) : RM 21700.00

Your nett income after deduction is RM 8300.00

Amount Zakat of Income per annum is RM 207.50

Amount Zakat of Income monthly deduction is RM 17.29

~~~~~  
Do you want to print the statement? If YES (Press 1) >> 1

~~~~~  
Welcome...

Pusat Zakat Negeri Selangor

~~~~~  
Zakat of Income Statement

Monthly zakat deduction is 17.29

Amount Zakat per annum is 207.50

THANK YOU!!!

Calculator Zakat of Income

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> █

Figure 11 : No wife but have print statement

Method 3:

```
Calculator Zakat of Income
*****

1. Zakat of Income using Method 1
2. Zakat of Income using Method 2
3. Quit

User Option >> 3

-----
Process exited after 25.86 seconds with return value 0
Press any key to continue . . . █
```

Figure 13 : Method 3